

20000302.qrp v01_n748.qrl.20000302

Date: Thu, 2 Mar 2000 19:03:11 EST

From: qrp-l@Lehigh.EDU

To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Subject: QRP-L digest 1748

QRP-L Digest 1748

Topics covered in this issue include:

- 1) [64694] Unusual Signal on 80 meters
by NA1XX@aol.com
- 2) [64695] Re: Testing Antenna Tuners
by Bob Kellogg <ae4ic@nr.infi.net>
- 3) [64696] WTD: Electrolytic can and Calectro meter
by K2UD@aol.com
- 4) [64697] FS: Lightweight Portable Antennas
by Joe Everhart <n2cx@voicenet.com>
- 5) [64698] Slide rules
by Robert G Seymour <bobsey1@juno.com>
- 6) [64699] Re: URL's
by Dick Carroll <dixie@townsqsr.com>
- 7) [64700] Need e-mail for W1RFI
by N10DL@aol.com
- 8) [64701] Re: Need e-mail for W1RFI
by GE1am30092@aol.com
- 9) [64702] 2N2/15 Update
by "Jim Kortge, K8IQY" <jokortge@prodigy.net>
- 10) [64703] Re: SWR on 75 ohm line
by Joe Everhart <n2cx@voicenet.com>
- 11) [64704] Re: 1:1 Balun output from K2?
by "Bob Tellefsen" <n6wg@earthlink.net>
- 12) [64705] Re: Need BNC info
by "Bob Tellefsen" <n6wg@earthlink.net>
- 13) [64706] DSP e-book.
by "Vincent Ferme" <vferme@sprint.ca>
- 14) [64707] Virus
by Bob Hightower <nk7m@extremezone.com>
- 15) [64708] Re: Unusual Signal on 80 meters
by Ray Colbert <af852@rgfn.epcc.edu>
- 16) [64709] [Operating]Slow Speed Events - QRS
by "T.J. \"SKIP\" Arey N2EI" <tjarey@home.com>
- 17) [64710] Re: Turtle Trot
by "T.J. \"SKIP\" Arey N2EI" <tjarey@home.com>
- 18) [64711] BNC Connectors
by K5KW@aol.com
- 19) [64712] TT2 to Atlanticon

by "T.J. \"SKIP\" Arey N2EI" <tjarey@home.com>
20) [64713] Sardine Sender Info???
by "Mark A. Prather" <maprath@prairienet.org>
21) [64714] Re: Need BNC info
by Ray Colbert <af852@rgfn.epcc.edu>
22) [64715] Many thanks on HR07 question
by AdamN7YA@aol.com
23) [64716] CONTEST: QRP Calendar - Mar 2000
by Ken Newman <N2CQ@citnet.com>
24) [64717] Project radios + others
by "Robert Farnworth" <farnworth@citylinq.com>
25) [64718] Tuna Tin 2 / MRX-40 Pictures Added to Website
by Dave Fifield <fifield@pacbell.net>
26) [64719] TEST: new email address
by "Dieter \"Diz\" Gentzow" <wb8qyy@cinci.rr.com>
27) [64720] FS NC-20
by RangerSF5@aol.com
28) [64721] ATLANTICON ROOM TO SHARE
by S LYON <sslyon@worldnet.att.net>
29) [64722] Wow!!! SD-20 fishing pole !!!
by "Tom Scott" <tscott@eni.net>
30) [64723] Re: Need BNC info
by Corky Kirk <w6ors@juno.com>
31) [64724] Home Page...
by =?Windows-1252?Q?St=E9phane_Collas?= <scollas@club-confair.com>
32) [64725] qrp+ xmit off freq
by hamjoel@juno.com
33) [64726] 40M NOISE?
by S LYON <sslyon@worldnet.att.net>
34) [64727] Clipperton!
by "J. Ervin Bates" <w8erv@email.msn.com>
35) [64728] Re: [secondclassopsclub] Clipperton!
by Bob Patten <n4bp@bc.seflin.org>
36) [64729] HAMCOM 2000
by "Joe Spencer" <KK5NA@quadj.com>
37) [64730] RE: Electrolytic can and Callectro meter
by Karl Kanalz <KKanalz@excel.com>
38) [64731] FOX: Is there a "slower" foxhunt ever?
by n5ib@juno.com
39) [64732] Re: SWR on 75 ohm line (with the RF-1)
by Gardner / Maguire <BethDan@pacbell.net>
40) [64733] Re: Virus
by Bruce Rattray <rattray@gpfn.sk.ca>
41) [64734] Dual band tree quad
by Jim Hale <kj5tf@yahoo.com>
42) [64735] RE: [Operating]Slow Speed Events - QRS
by "Hare, Ed, W1RFI" <w1rfi@arrl.org>
43) [64736] Re: 40M NOISE?

by Ray Colbert <af852@rgfn.epcc.edu>
44) [64737] RE: [Operating]Slow Speed Events - QRS
by "baltimoremd@baltimoremd.com" <baltimoremd@baltimoremd.com>
45) [64738] Re: Virus--Pretty Park.exe
by Ray Colbert <af852@rgfn.epcc.edu>
46) [64739] Autotekresearch RF1 v. VA1
by elawson@lawson-philpot.com
47) [64740] RE: [Operating]Slow Speed Events - QRS
by k1vp@lawson-philpot.com
48) [64741] HB: ??Help with 75:50 Ohm Xformer??
by "Mark Adams" <k2qo@hotmail.com>
49) [64742] Re: SNAP Success
by "ROBERT EVANS" <revans@sarnoff.com>
50) [64743] Re: [secondclassopsclub] Clipperton!
by "Ron Smith" <resmith666@uswest.net>
51) [64744] Re: [secondclassopsclub] Clipperton!
by k1vp@lawson-philpot.com
52) [64745] Re: Need BNC info
by Monte Stark <ku7y@dri.edu>
53) [64746] RE: [secondclassopsclub] Clipperton!
by "Caro, Carlos" <carlos.caro@lmco.com>
54) [64747] O.T. Psk31
by Bill Ross <k6mgo@juno.com>
55) [64748] SOC and splitting up the list
by Monte Stark <ku7y@dri.edu>
56) [64749] RE: [Operating]Slow Speed Events - QRS
by "Hare, Ed, W1RFI" <w1rfi@arrl.org>
57) [64750] Moratorium on URL requests - Re: O.T. Psk31
by "Paul R. Valko" <prvalko@oakland.edu>
58) [64751] Crystal needed for 7.040
by N10DL@aol.com
59) [64752] RE: [Operating]Slow Speed Events - QRS
by Pete Burbank <plburbank@kih.net>
60) [64753] Arrived in the mail....
by Fred Lesnick <flesnick@tbaytel.net>
61) [64754] WTB: HF Handheld
by Charlie Panek <charlie_paneke@agilent.com>
62) [64755] Solar flares today
by Dave Sjolín <sjolin@swbell.net>
63) [64756] Re: Moratorium on URL requests - Re: O.T. Psk31
by Dave Sjolín <sjolin@swbell.net>
64) [64757] Re: [secondclassopsclub] Clipperton!
by "Ron Smith" <resmith666@uswest.net>
65) [64758] HB: Parts ID
by "Dieter \ (Diz\) Gentzow" <wb8qyy@cinci.rr.com>
66) [64759] Little Help? K2 mike grounding.
by Ed Loranger <we6w@qsl.net>
67) [64760] Scottsdale, AZ Hamfest

by Chris Trask <ctrask@primenet.com>
68) [64761] Re: [secondclassopsclub] Clipperton!
by Monte Stark <ku7y@dri.edu>
69) [64762] Re: [secondclassopsclub] Clipperton!
by "George T. Baker" <w5yr@att.net>
70) [64763] Now this is QRPppppppppppppppp!
by Sam Billingsley <SBillingsley@usaninc.com>
71) [64764] HELP with QRP-L.....Anyone see this???
by RangerSF5@aol.com
72) [64765] List Subscriptions - Was: Re: [secondclassopsclub] Clipperton!
by "Ron Smith" <resmith666@uswest.net>
73) [64766] RE: Now this is QRPppppppppppppppp!
by "Deitz, Harold L." <hdeitz@ms.rose.cc.ok.us>
74) [64767] Re: 40M NOISE?
by "Jim Bates" <jimbo@spectrum-internet.com>
75) [64768] List Traffic, Radio Traffic.
by Ed Loranger <we6w@qsl.net>
76) [64769] Re: Now this is QRPppppppppppppppp!
by RangerSF5@aol.com
77) [64770] Re: Little Help? K2 mike grounding.
by Ed Loranger <we6w@qsl.net>
78) [64771] Who wanted the 7.040 Xtal??
by RangerSF5@aol.com
79) [64772] Re: HELP with QRP-L.....Anyone see this???
by K10J <k10j@ditdit.com>
80) [64773] It's working.
by RangerSF5@aol.com
81) [64774] RE: Moratorium on URL requests - Re: O.T. Psk31
by "Ted Roycraft" <roycraft@research.att.com>
82) [64775] SD-20 & Magnifying glasses
by REDSBOY@aol.com
83) [64776] Re: Folded Dipole Revelation.
by Ed Loranger <we6w@qsl.net>
84) [64777] RE: 40M NOISE?
by "Hare, Ed, W1RFI" <w1rfi@arrl.org>
85) [64778] QRPppppppppppppppp and the K2
by Dave Barrett <DBarrett@creo.com>
86) [64779] RE: Crystal needed for 7.040
by "Hare, Ed, W1RFI" <w1rfi@arrl.org>
87) [64780] Re: Virus--Pretty Park.exe
by "Ian C. Purdie VK2TIP" <ianpurdie@integritynet.com.au>
88) [64781] Re: Need BNC info
by Bill Lazure <n2tpa@juno.com>
89) [64782] Re: Moratorium on URL requests - Re: O.T. Psk31
by Dave Sjolín <sjolin@swbell.net>
90) [64783] Re: WTB: HF Handheld
by Caitlyn =?iso-8859-1?Q?M=E1ire?= Martin <caitlyn@netferrets.net>
91) [64784] Re: Folded Dipole Revelation.

by Dean W Manley <kh6b@juno.com>
92) [64785] Re: Noise Level
by dave.g0dja@psilink.co.uk (David J. Ackrill)
93) [64786] Voyager & QRPp
by "Paul Harden, NA5N" <na5n@rt66.com>
94) [64787] High Solar Activity 3-2-00
by "Paul Harden, NA5N" <na5n@rt66.com>
95) [64788] Re: Voyager & QRPp
by Bill Jones <kd7s@psnw.com>
96) [64789] FS:Argosy II (525D) for sale
by Jim Thiessen <jthiessen@attcanada.net>
97) [64790] Re: Now this is QRPpppppppppppppppp!
by jmarran@juno.com
98) [64791] Nice BALUN Tutorial on-line (.pdf)
by Ed Loranger <we6w@qsl.net>
99) [64792] Re: Crystal needed for 7.040
by Wa3ptg@aol.com

Date: Wed, 1 Mar 2000 19:11:37 EST
From: NA1XX@aol.com
To: qrp-l@lehigh.edu
Subject: [64694] Unusual Signal on 80 meters
Message-ID: <30.1ef4faa.25ef0bb9@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

Right now at 0000 z March 1 from Boston MA
I am copying a repeated beacon-like signal on 80 meters at 3.711 MHz.
The text of the transmission is
a string of 9 V's followed by the identification SXA 33 (repeated 3 times).

This has been copied for the past half hour or so with no variation.
Anybody have a clue as to what the source of this is? I doubt if SXA33 is
coming from Greece (which has the sv to sz allocation block according to my
callsign listings).

Thanks,

Mike NA1XX
QRP-L # 1588
North Weymouth MA
"When all else fails, CW"

Date: Wed, 01 Mar 2000 16:15:07 -0500
From: Bob Kellogg <ae4ic@nr.infi.net>
To: benmail@erols.com
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [64695] Re: Testing Antenna Tuners
Message-ID: <38BD885B.3D0AF3AC@nr.infi.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Ben,

My review of the ZM-2 was published in QRP Quarterly a few issues back.

In a nutshell, it's one of the most efficient tuners you can use for QRP. I've tested only one other tuner that was as efficient, and it would not handle both balanced and unbalanced lines.

Benjamin F. Poinsett wrote:

>
> Bob,
>
> Have you tested the EMTECH ZM-2 tuner? If you have, I would like to
> see the results you got. I would guess quite a few people on the
> QRP-1 would too.
>
> Thanks-- 72 & 73,
>
> Ben Poinsett, K3BP
> Bethesda, MD

Hope this helps.

73,
Bob, AE4IC

Date: Wed, 1 Mar 2000 19:36:56 EST
From: K2UD@aol.com
To: qrp-1@lehigh.edu
Cc: cw@qth.net
Subject: [64696] WTD: Electrolytic can and Calectro meter
Message-ID: <b2.212e063.25ef11a8@aol.com>

MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

I am looking for 2 items I need to build a tube CW transmitter.

- 1.) 100uf 450VDC electrolytic can capacitor, single section with mounting HW
- 2.) Calectro 0-100ma DC panel meter (ovalled case)

Anybody have these? Please drop me an e-mail. TNX to all.

72/73

Howard Kraus, K2UD

Date: Wed, 1 Mar 2000 19:44:16 -0500
From: Joe Everhart <n2cx@voicenet.com>
To: qrp-l@Lehigh.EDU
Cc: njqrp@njqrp.org
Subject: [64697] FS: Lightweight Portable Antennas
Message-ID: <200003020044.TAA167970@nss4.cc.lehigh.edu>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Group,

I haven't posted this for a while. If you don't want a commercial message, please delete now! :-)

72/73,

Joe E., N2CX

*****Gusher Antenna Info*****

Gusher-2L Multi-band Portable QRP Antenna
1 pound dipole ideal for portable use as an inverted vee
Can be configured for multiband use
Complete with all parts - you cut to length
13 page configuration/application manual

Gusher Classic
1 pound dipole ideal for portable use as an inverted vee
You cut it for any single band from 40-10 meters
Complete with all parts - you cut to length

10 page configuration/application manual

Gusher 20-20 Economy 20 meter QRP Dipole

1 pound (-) dipole ideal for portable use as an inverted vee

Similar to the Classic precut for 20 meters

5 page info pamphlet

All antennas are supplied with complete cutting and application info.

Prices shown are postpaid in the US.

Gusher 20-20 \$20.00

Gusher-Classic \$25.00

Gusher-Classic \$28.00

For additional info contact:

n2cx@voicenet.com

or write to

Joe Everhart, N2CX

214 New Jersey Rd

Brooklawn, NJ 08030

Date: Wed, 1 Mar 2000 18:44:30 -0800

From: Robert G Seymour <bobsey1@juno.com>

To: qrp-1@lehigh.edu

Subject: [64698] Slide rules

Message-ID: <20000301.184430.-106095.1.bobsey1@juno.com>

MIME-Version: 1.0

Content-Type: text/plain

Content-Transfer-Encoding: 7bit

The slide rules are spoken for. Thanks for all the interest. Keeping all offers on file just in case.

72/73, Bob W0LK

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<http://dl.www.juno.com/get/tagj>.

Date: Wed, 01 Mar 2000 18:46:57 -0800
From: Dick Carroll <dixie@townsq.com>
To: hdeitz@ms.rose.cc.ok.us
Cc: Low Power Amateur Radio Discussion <qrp-1@lehigh.edu>
Subject: [64699] Re: URL's
Message-ID: <38BDD621.9B8D163C@townsq.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

It's the newest and probably the best www search engine.

Deitz, Harold L. wrote:

>
> Does anyone know what the URL for
>
> <http://www.google.com> is?
>
> Hal

Date: Wed, 1 Mar 2000 20:02:02 EST
From: N10DL@aol.com
To: qrp-1@lehigh.edu
Subject: [64700] Need e-mail for W1RFI
Message-ID: <d0.2a74a6b.25ef178a@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

I have misplaced Ed's e-mail address and can't find it anywhere on the web.

Does anyone have it?

thanks

Aron

N10DL

Bedford, NH

Date: Wed, 1 Mar 2000 20:08:59 EST

From: GElam30092@aol.com
To: N10DL@aol.com, qrp-1@lehigh.edu
Subject: [64701] Re: Need e-mail for W1RFI
Message-ID: <29.1f199da.25ef192b@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

In a message dated 3/1/00 6:05:09 PM US Mountain Standard Time, N10DL@aol.com writes:

<< I have misplaced Ed's e-mail address and can't find it anywhere on the web.
Does anyone have it? >>

w1rfi@arrl.org

Date: Wed, 01 Mar 2000 20:20:32 -0500
From: "Jim Kortge, K8IQY" <jokortge@prodigy.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [64702] 2N2/15 Update
Message-ID: <3.0.1.32.20000301202032.007b5760@pop.prodigy.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Gang...I've just revised and added to the T/R Switch documentation for the 2N2/15. The Rx Input filter design, computer model, and construction are now also posted on the web page. I'm currently working on the r.f. amplifier block, and hope to have that up on the web in another few days. Sorry for the delay since the last update, but my body needed some R and R in sunny, warm, Florida.

I also had to write my paper for Atlanticon, and the text for the Winter QRPp article on the 2N2/6

That has been accomplished, and now it is full steam ahead again on the 2N2/15!

Hope somebody is getting some good out of all of this work. The newest stuff near the bottom of the page. Look for the green text separators.

72.....Jim, K8IQY

Ref: <http://www.qsl.net/k8iqy/2n215.html>

Date: Wed, 1 Mar 2000 20:21:28 -0500
From: Joe Everhart <n2cx@voicenet.com>
To: Goran Hosinsky <hosinsky@royac.iac.es>
Cc: qrp-1@Lehigh.EDU
Subject: [64703] Re: SWR on 75 ohm line
Message-ID: <200003020121.UAA25670@nss4.cc.lehigh.edu>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Goran,

You queried:

>Is it possible to find out the SWR on a 75 ohm line
>using the RF-1?
>Goran ea8yu

If indeed your question has to do with accurately reading SWR in a 75 ohm system the suggested solution of using a 75:50 ohm transformer is the right one. In fact commercial network analyzers designed for 50 ohm systems are used for 75 ohm measurements by using just such a transformer. The ARRL Antenna Book in some editions shows just such a transformer and I believe Jerry Sevick's book on transmission line transformers does as well.

However if your objective is simply to achieve a good match in a 75 ohm system, you can take another tack. If you connect a 150 ohm resistor in parallel with the load, your RF-1 will see 50 ohms when the load is exactly 75 ohms. Determining SWR when it is not exactly 75 ohms takes a little math :-), but with this simple addition you can determine when you are in a matched condition.

72/73,

Joe E., N2CX

BTW, you probably don't want to buy one of the instrumentation grade 50/75 ohm transformers - they cost several times as much as the RF-1!

Date: Wed, 1 Mar 2000 18:06:03 -0800
From: "Bob Tellefsen" <n6wg@earthlink.net>
To: <qrp-1@Lehigh.EDU>
Subject: [64704] Re: 1:1 Balun output from K2?
Message-ID: <01bf83eb\$dcab72c0\$6dd3fc9e@ham.earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hi Ed

Yes, I use a homemade 1:1 balun with the K2 ATU.
I have it feeding a 40m dipole fed with 300 ohm twinlead.
The ATU loves it, to the tune of 1:1 match.
I make all my own baluns, both 1:1 and 4:1. Dead simple.
73, Bob N6WG

Date: Wed, 1 Mar 2000 18:16:28 -0800
From: "Bob Tellefsen" <n6wg@earthlink.net>
To: <qrp-1@Lehigh.EDU>
Subject: [64705] Re: Need BNC info
Message-ID: <01bf83ed\$518b6180\$6dd3fc9e@ham.earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Boy, that was amazing. I've already had nine replies, and I'll bet one or two more will trickle in as well. My sincere appreciation to all who took the time to share their experience and information.
Seems the majority like the crimp style BNC male connectors, with some admitting that at first they didn't think they would. Several gave stories that they hold up very well over time.
So, since my son has the proper tools and skills due to his work, I'm going to go for it.
One recommendation was to use the best quality BNC you can find, gold washed pin, silvered body. I'll have to see what's available and at what price.
For ham purposes, I may cut a corner or two, but will go for the best I can handle. If anyone knows a source with reasonable prices, I'd like to have that information too.
I'll probably make a bunch of cables at first in various lengths, because I like to reach for my cables and find something of an appropriate length, no matter what I'm doing.
My thanks again for all the inputs.
73, Bob N6WG

Date: Wed, 1 Mar 2000 21:38:00 -0500
From: "Vincent Ferme" <vferme@sprint.ca>
To: <qrp-1@lehigh.edu>
Subject: [64706] DSP e-book.
Message-ID: <000901bf83f0\$67693100\$5a7d6395@vince>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="Windows-1252"
Content-Transfer-Encoding: 7bit

To whom it may concern.

Found an e-book in pdf format titled "The Scientist & Engineer's Guide to Digital Signal Processing". It's available at
http://www.analog.com/industry/dsp/dsp_book/ .

Take some time the explore the site, it's excellent. There other e-books and newsletters available for download.

If you forget to bookmark this site go to www.google.com and enter Analog Devices and ...voila, first item on the list. :)))

73 de Vince, VA3VF.

Date: Wed, 01 Mar 2000 20:31:44 -0700
From: Bob Hightower <nk7m@extremezone.com>
To: qrp-1@lehigh.edu, azqrp@extremezone.com, elecraft@qth.net
Subject: [64707] Virus
Message-ID: <200003020329.UAA22029@enterprise.extremezone.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Got a note today with Happy99 attached to it. Looks like it's going around again, but, fortunately, my virus checker caught it.

If you get a note with this file as an .exe attachment, don't open it.

Bob Hightower NK7M
Chandler, AZ
SOC #20

<http://www.extremezone.com/~nk7m>

Date: Wed, 01 Mar 2000 20:54:58 -0700
From: Ray Colbert <af852@rgfn.epcc.edu>
To: NA1XX@aol.com
Subject: [64708] Re: Unusual Signal on 80 meters
Message-ID: <38BDE612.8FEFEDAD@rgfn.epcc.edu>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Klingenfuss and CFL 9th edition both show SXA33 listed on 3712.5 or 3713, assigned to Greek Navy out of Piraeus, Greece - fixed coastal station. Quite a number of shipping and other fixed services use the shared 80 meter band and quite often are heard - very useful for band indications of band openings. Used to hear GNK on 3542 but haven't listened for them quite a long time.

73
Ray

--
"The more I see of the representatives of the people,
the more I admire my dogs."
letter from Count d'Orsay to John Foster 1850

Ray Colbert, W5XE, 00TC#3618, SOWP#1064M NARTE-NCT2 SOC#78
(also w5xe@juno.com El Paso, (FAR WEST) TEXAS

Date: Wed, 01 Mar 2000 22:56:02 -0500
From: "T.J. \"SKIP\" Arey N2EI" <tjarey@home.com>
To: "qrp-1@Lehigh.EDU" <qrp-1@Lehigh.EDU>
Subject: [64709] [Operating]Slow Speed Events - QRS
Message-ID: <38BDE652.ED2A5D06@home.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I sent QRS to Dave Demaw while he was operating W1FB this weekend and he

came right down to my speed (Around 18 or so). I've worked Ed W1RFI a number of times and places and he has always been kind enough to come down to my speed. Most operators are more than willing to QRS. I do it myself on the Novice portions of the band all the time. That's why I lean towards keyers with Speed Pots on them. Easy QRS or QRQ depending on the situation.

--

+++++

T.J. "SKIP" AREY N2EI e-mail tjarey@home.com

Website <http://members.home.net/tjarey>

Snail Mail: PO Box 236, Beverly, NJ 08010

Specialization is for insects! LAZARUS LONG

Date: Wed, 01 Mar 2000 23:01:21 -0500
From: "T.J. \"SKIP\" Arey N2EI" <tjarey@home.com>
To: "qrp-1@Lehigh.EDU" <qrp-1@Lehigh.EDU>
Subject: [64710] Re: Turtle Trot
Message-ID: <38BDE791.A422CD98@home.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

You could give multipliers for reduced speed.

20 wpm or faster 1 point
15-20 wpm 2 points
10-15 wpm 3 points
5-10 wpm 4 points
less than 5 wpm 5 points

That could make for some interesting points strategies. If you could only operate part of the total contest time it would be to your advantage to QRS.

--

+++++

T.J. "SKIP" AREY N2EI e-mail tjarey@home.com

Website <http://members.home.net/tjarey>

Snail Mail: PO Box 236, Beverly, NJ 08010

Specialization is for insects! LAZARUS LONG

Date: Wed, 1 Mar 2000 23:02:01 EST
From: K5KW@aol.com
To: qrp-1@lehigh.edu
Subject: [64711] BNC Connectors
Message-ID: <4c.2525934.25ef41b9@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

Gang,

I see that Bob, N6WG, is switching entirely to BNC connectors. Many use the female BNC connectors for the rf input/output of QRP projects.

If you find a need for chassis mount female BNC connectors, I have a sizeable quantity of brand new ones in original sealed air-tight packages. The center connector may be gold washed; they have that appearance.

I have more than I will ever need, and will be glad to share them. I will make them available in reasonable quantities *free* to QRPers just for whatever postage it takes to send 'em. Let me know by direct e-mail if you need some.

72,

Don, K5KW

"From Meadowlark Aerodrome on the rippling shores of Lake Eva, in the heart of the Morris-Boynton metroplex of east central Oklahoma, where every day is a sunny day".

Date: Wed, 01 Mar 2000 23:13:55 -0500
From: "T.J. \"SKIP\" Arey N2EI" <tjarey@home.com>
To: w1rft@arrl.org, "qrp-1@Lehigh.EDU" <qrp-1@Lehigh.EDU>
Subject: [64712] TT2 to Atlanticon
Message-ID: <38BDEA83.84F80AC0@home.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Well I'm doing the happy dance already. A chance to operate with Doug's

rig. You could give me a set of Mercury paddles and I wouldn't consider it a higher honor.

Let me tell you a little story. I was first licensed in 1976 and the TT2 was a project my Elmer talked me into building. To be honest, at that stage in my life, my love and commitment for ham radio and QRP had not grown to its current level (obsession?) Suffice it to say, Doug's best efforts were wasted on me back then. Ironically, later in life, Doug and I shared byline space at Monitoring Times magazine up until his SK. I never got the chance to tell him the influence he was on my radio hobby and radio writing career. Now you tell me I may get the chance to send W1FB over the air with his very own TT2. All I can say is thank you from the bottom of my heart.

--

+++++

T.J. "SKIP" AREY N2EI e-mail tjarey@home.com

Website <http://members.home.net/tjarey>

Snail Mail: PO Box 236, Beverly, NJ 08010

Specialization is for insects! LAZARUS LONG

Date: Wed, 1 Mar 2000 22:25:21 -0600 (CST)
From: "Mark A. Prather" <maprath@prairienet.org>
To: qrp-l@Lehigh.EDU
Subject: [64713] Sardine Sender Info???
Message-ID: <Pine.GS0.4.10.10003012224370.24170-1000000@bluestem>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Does anyone know where I might find a schematic and even possibly the article on the web for the W1FB Sardine Sender???

Thanks!

73,

Mark

* Mark A. Prather - WB9HFK * maprath@prairienet.org *
* QRP-L # 1159 * QRP ARCI # 9472 * mprather@halcomm.com *
* Norcal # 2507 *

Date: Wed, 01 Mar 2000 21:29:21 -0700
From: Ray Colbert <af852@rgfn.epcc.edu>
To: n6wg@earthlink.net
Subject: [64714] Re: Need BNC info
Message-ID: <38BDEE21.A03E26EE@rgfn.epcc.edu>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Many years ago, we used to use the bnc crimp on connectors when I worked for the FBI as a hf op, 2 waytech etc. On some of the low power stuff, the crimp connectors would lose continuity on the center conductor due to oxidation - did not matter how hard or secure the crimp was. We used the AMP crimp tools and they ratchet to a particular specification. With a 100+ watt system, not much problem but when used with the test equipment, receivers, and low power stuff, it was not always there. I found that in my last work installation, once set up, the solder on connectors did not take any longer to install than the double/triple crimp type connectors. And no worries later.

73
Ray

--
"The more I see of the representatives of the people,
the more I admire my dogs."

letter from Count d'Orsay to John Foster 1850

Ray Colbert, W5XE, 00TC#3618, SOWP#1064M NARTE-NCT2 SOC#78
(also w5xe@juno.com El Paso, (FAR WEST) TEXAS

Date: Wed, 1 Mar 2000 23:26:27 EST
From: AdamN7YA@aol.com
To: qrp-l@lehigh.edu
Cc: secondclassopsclub@egroups.com
Subject: [64715] Many thanks on HR07 question
Message-ID: <b0.205f51f.25ef4773@aol.com>

MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

...something i learned from experience, if you want to learn the general view of something, speak a little less glowing of it...if noone responds or they laugh with you, then chances are good that it was never held in public revere to begin with...if the opposite happens, well.....then that means you have a pretty cool old radio!

Just to clarify something, i have never owned a "modern" radio, ive never had a rig with an LED, never owned a keyer, etc...so when asked if i would be interested in this "old radio" a friend had in her storage unit, i jumped at the chance!

So to those who have nothing but glowing and fond memories of the HR07, i apologize and meant no disrespect...but at the same time, those who sort of snapped at me also provided me with a wealth of info about this grand old rig....and for that i thank you. :-)

72/73/74...Adam, N7YA
Las Vegas, NV...Zone 03
QRP-L #1608, SOC #143, Y Guy #2
Code Warrior #76, Hamusician #1

Date: Wed, 01 Mar 2000 23:52:06 -0500
From: Ken Newman <N2CQ@citnet.com>
To: akqrp@gci.net, CQCLOWDOWN@aol.com, QRP-L@lehigh.edu, njqrp@njqrp.org
Subject: [64716] CONTEST: QRP Calendar - Mar 2000
Message-ID: <3.0.6.32.20000301235206.007c5100@mail.citnet.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

QRP Contesters,

There are some good contests with a "QRP Category" to consider operating. The Virginia QSO Party is offering a nice plaque for the top QRPer, one in Va and one out of state.

If you are a QRP Phone tester, there are some BIGGIES this month with QRP category too.

Don't forget the reliable ARS Spartan Sprint on the first Monday evening of *EVERY* month. (0200z Tue)

72 de Ken - N2CQ

~~~~~  
QRP CONTEST CALENDAR

March 2000

~~~~~  
CZEBRIS Contest (CW) ... QRP Contest!

Mar 3 - 1600z to Mar 5 - 2359z

Rules: <http://www.sk3bg.se/contest/czebris.htm>
~~~~~

ARRL International DX Contest (SSB) ... QRP Category

Mar 4 - 0000z to Mar 5 - 2400z

Rules: <http://www.arrl.org/contests/announcements/intldx.html>  
~~~~~

Adventure Radio Society - Spartan Sprint (CW) ... QRP Contest!

Mar 7 - 0200z to 0400z

Rules: http://www.natworld.com/ars/pages/spartan_sprints/ss_rules.html
~~~~~

Wisconsin QSO Party (CW/SSB)...QRP Piggyback (See Note)

Mar 12 - 1800z to Mar 13 - 0100z

Rules: <http://www.warac.org/wqp/2000/00rules.htm>

NOTE: Wisconsin Cheeseheads QRP ARC runs a piggyback operation  
for QRPers. Enter the Wisconsin QP to the sponsor AND then  
send a copy of your summary to AE9K@ARRL.NET.

Details: <http://www.qsl.net/ae9k/wiqrp.html>  
~~~~~

Somerset Homebrew Contest (CW/SSB - 80 Meters) ...QRP Contest!

Mar 18 - 0000z to 2400z (Any 4 hours)

Rules: <http://www.sk3bg.se/contest/somerset.htm>

~~~~~  
Ohio Winter QSO Party (CW/Phone) ... QRP Category

Mar 18 - 0000z to Mar 19 - 2359z

Rules: <http://www.cfarcc.org/ohqso.htm>  
~~~~~

Virginia QSO Party (CW/SSB) ... QRP Category

Mar 18 - 1800z to Mar 20 - 0200z

Rules: <http://www.qsl.net/sterling/QSOParty-2.html>
~~~~~

ATLANTICON QRP Convention ...QRP Building Contest(AND MUCH MORE)

Mar 24 - Mar 25

Details: <http://www.njqrp.org/atlanticon/>  
~~~~~

CQ World-Wide WPX Contest (SSB) ... QRP Category

Mar 25 - 0000z to Mar 26 - 2400z

Rules: <http://ourworld.compuserve.com/homepages/n8bjq/2000RULES.htm>
~~~~~

72 de

Ken Newman - N2CQ

Woodbury, NJ

N2CQ@ARRL.NET

~~~QRP Contest Calendar~~~

<http://www.njqrp.org/data/contesting.html>

~~~WQ2RP NJQRP Club Station~~~

-----  
Date: Wed, 1 Mar 2000 21:09:02 -0800

From: "Robert Farnworth" <[farnworth@citylinq.com](mailto:farnworth@citylinq.com)>

To: <[qrp-1@Lehigh.EDU](mailto:qrp-1@Lehigh.EDU)>

Subject: [64717] Project radios + others

Message-ID: <003801bf8405\$6dd2d5e0\$6bc6adcf@farnworth>  
MIME-Version: 1.0  
Content-Type: text/plain;  
    charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Thanks to the net all the project radios are sold.  
Thanks, Bob W7CD

-----

Date: Wed, 01 Mar 2000 20:35:32 -0800  
From: Dave Fifield <fifield@pacbell.net>  
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [64718] Tuna Tin 2 / MRX-40 Pictures Added to Website  
Message-ID: <004601bf8400\$bf1edac0\$0100a8c0@pacbell.net>  
MIME-version: 1.0  
Content-type: text/plain; charset="iso-8859-1"  
Content-transfer-encoding: 7bit

I just added some digital pictures of my modified  
TT2/MRX-40 combo. They are at:

<http://www.redhotradio.com/MRX40TT2.html>

Enjoy.  
72, Dave Fifield, AD6A

-----

Date: Thu, 2 Mar 2000 01:18:46 -0500  
From: "Dieter \ (Diz\ ) Gentzow" <wb8qyy@cinci.rr.com>  
To: "QRP-L" <qrp-l@Lehigh.EDU>  
Subject: [64719] TEST: new email address  
Message-ID: <000701bf840f\$2ae94610\$37b81b18@cinci.rr.com>  
MIME-Version: 1.0  
Content-Type: text/plain;  
    charset="Windows-1252"  
Content-Transfer-Encoding: 7bit

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Date: Thu, 2 Mar 2000 01:17:07 EST  
From: RangerSF5@aol.com  
To: qrp-l@lehigh.edu  
Subject: [64720] FS NC-20  
Message-ID: <73.178d399.25ef6163@aol.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset="US-ASCII"  
Content-Transfer-Encoding: 7bit

For sale.  
NC-20 No mods  
Very well built.  
4 watts into a dummy load.  
No CW chirp.  
\$100.00 shipped or trade for a low loss tuner for QRP use.  
Bob VEGAS Lech WA2HOQrp <tm>

-----  
Date: Wed, 01 Mar 2000 20:36:08 -0500  
From: S LYON <sslyon@worldnet.att.net>  
To: qrp chat <qrp-l@Lehigh.EDU>  
Subject: [64721] ATLANTICON ROOM TO SHARE  
Message-ID: <38BDC587.E4FEE455@worldnet.att.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

My wife will not be able to attend with me, so I've got a room to share,  
50/50. Please respond by e-mail if interested.  
AA1MY  
--

'Seab' Lyon - AA1MY  
Beacon NY USA FN-31  
QRP-L 574 ARCI 9253

-----  
Date: Wed, 1 Mar 2000 22:35:33 -0800  
From: "Tom Scott" <tscott@eni.net>  
To: "'qrp-l Reflector'" <qrp-l@Lehigh.EDU>, "'Antennas Reflector List'"  
<antennas@qth.net>  
Subject: [64722] Wow!!! SD-20 fishing pole !!!  
Message-ID: <000101bf8412\$265a67c0\$68100f0a@wyle.com>  
MIME-Version: 1.0  
Content-Type: text/plain;

charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

Since a whole bunch of people asked for more info and mine came today, I thought I'd follow up with a report about this fishing pole that is very useful for some kinds of antenna supports.

I first heard of this thing in connection with the SLV (St. Louis Vertical) that is popular in QRP circles. After Harley Miller gave us the info on a source for these (see our earlier posts), I went ahead and ordered one sight unseen. \$20 seemed very reasonable.

Well I had no idea! This thing is incredible. According the catalog that came with it, Its made of carbon fiber composite, and I believe it! It is incredibly strong and lightweight. Some particulars

1. It will extend to 20' overall length in six nested, friction locking sections (if you have kids, imagine the Star Wars light saber toys, only 20' long!).
2. The sections are free from any fishing line ferule hardware except the very last tip which has one small wire loop for fishing line.
3. There's a threaded cap on the butt end that has an OD of 1.615". Inside it has a rubber pad that the nested tubes are cushioned against so they won't slam against the butt cap and get damaged.
4. There is a lightly ribbed grip section for 24" just forward of the butt cap that begins at an OD of 1.355"
5. The first section then tapers down to 1.215" OD about a 0.035" wall thickness
6. The second section tapers down to 1.075" OD about a 0.035" wall thickness
7. The third section tapers down to 0.855" OD about a 0.035" wall thickness
8. The fourth section tapers down to 0.655" OD with a 0.025" wall thickness
9. The fifth section tapers down to 0.350" OD with a 0.025" wall thickness
10. The very tip end of the sixth section is only 0.092" in diameter with a smaller wall thickness that I couldn't accurately measure due to the wire loop in the tip.
11. When extended to full length with the grip held in a horizontal position and the rest of the rod unsupported, the tip droops less than 18" below a straight horizontal line.
12. All six sections nest inside the handle in a smooth cylindrical package 42.6" long with a rubber pug for the open end of the first section which is about an inch longer than the other sections. When nested like this, there is no external hardware to get damaged. When nested, the package reminds one of some high-tech pool que more than a fishing pole.
13. The grip section feels like ribbed black PVC, and the rest is a sort of dark gun-metal gray color.
14. I don't have an accurate scales handy to measure this range of weight, but would estimate it very roughly in the two pound category, about the same as my Wilderness Sierra QRP radio.
15. Its fun watching people handle this thing. Everyone has been very



impressed with how stiff the tubing is against trying to squeeze the open end of the large first tube between their thumb and forefinger. With one thumb and forefinger most people can barely see it deflect at all. Most people then immediately put their other hand to work with both thumbs and two forefingers because they can't believe how strong it is. With both hands employed they can generally just get it to noticeably deflect by about one wall thickness.

I hope this satisfies the curiosity of the many folks who wanted more info. Suffice it to say that I am very impressed with this thing for \$20. I have a hard time believing the materials technology represented by this pole for that kind of money. Very stout for a field portable vertical. Perhaps marginal for a temporary field dipole at least at the last tip section. Probably it would bend pretty far but not break, but you could always leave that one in and use the larger five sections. I'm not the expert, but I doubt if this thing is really suitable for use as a quad spreader in anything other than temporary use with mild weather, but perhaps others have a different opinion.

My plan for this one as I've said in earlier posts is to place it atop a 40" mast of 1.625" galvanized chain link fence top rail (which is doing double duty as a dipole end-support), to make a vertical almost 60' tall.

I'm very impressed, highly recommended if you've got a use for something like this!

- Tom

\_/\_/\_/\_/\_/\_/\_/\_/\_/\_/\_/\_/\_/\_/\_/\_/\_/\_/\_/\_/\_/\_/\_/\_/\_/\_/\_/\_/\_/\_/\_/\_/\_/\_/\_/\_/

?Tom Scott - Wyle Electronics - KD7DMH

10300 SW Nimbus Ave #PB, Portland, OR 97223

503-603-1931 - Tel 503-684-6620 - Fax

503-703-2032 - Cell

\_/\_/\_/\_/\_/\_/\_/\_/\_/\_/\_/\_/\_/\_/\_/\_/\_/\_/\_/\_/\_/\_/\_/\_/\_/\_/\_/\_/\_/\_/\_/\_/\_/\_/\_/\_/

For those interested in the South Bend SD-20 fishing pole for antenna use. I just ordered one from these folks today. Very easy to deal with. He's got them in stock, and said he'd ship the same day.

Says he sells a lot more for antenna use than for fishing!

I was tempted to get two, but my XYL probably isn't going to understand my "urgent" need for one.

\$19.95 + \$4.95 shipping in my case, quite a bargain.

You can order direct from the following mail order company:

National Sports Supply

P.O. Box 14

Random Lake, WI 53075

920-994-9218  
877-423-3474

Thanks to Harley Miller for the info.

- Tom

\_\_\_\_\_  
?Tom Scott - Wyle Electronics - KD7DMH  
10300 SW Nimbus Ave #PB, Portland, OR 97223  
503-603-1931 - Tel 503-684-6620 - Fax  
503-703-2032 - Cell  
\_\_\_\_\_

-----  
Date: Wed, 1 Mar 2000 21:00:18 -1000  
From: Corky Kirk <w6ors@juno.com>  
To: qrp-1@lehigh.edu  
Cc: n6wg@earthlink.net  
Subject: [64723] Re: Need BNC info  
Message-ID: <20000301.211833.-19713.4.w6ors@juno.com>  
MIME-Version: 1.0  
Content-Type: text/plain  
Content-Transfer-Encoding: 7bit

3-1-00

Bob,

I used to sell for Amphenol and the crimp BNC (3 piece) was a real good seller, but as I grow older the connectors are coming back to haunt me. It seems with use, the coax braid right at the end of the "crimp" takes all the wear and tear of using a piece of coax, and the braid fractures and nine times out of 10, the "ground" connection opens up and all hell breaks loose.

I now use the old "solder the center pin" and "tighten down the clamp ring" types and don't seem to have any troubles. BNC's are great...I use them whenever I can since they are impedance matched (not like the UHF connector) and the dielectric is good (not like the brown "mud" insulators the UHF connectors still use).

Applying this to QRP, I'd want all the RF I could get going up the coax without having to worry about a lost braid connection just when a rare FOX is coming in. Use BNC, but use the "screw-on-to-the cable" type.

73,

Corky W6ORS  
Hilo HI

On Wed, 1 Mar 2000 10:59:25 -0800 "Bob Tellefsen" <n6wg@earthlink.net> writes:

> I'm considering converting my shack and shop over to all BNC  
> connectors.  
> Looking around, I see three basic BNC connectors--solder in, 3 part  
> crimp  
> and 2 part crimp.  
> Can anyone tell me any advantages/disadvantages of any of these for  
> use in a  
> QRP station?  
> The 2-part crimp connector seems to just poke the center conductor  
> into the  
> hollow pin to make contact. The 3 part appears to crimp the pin to  
> the  
> center conductor. That would seem better for transmit purposes.  
> I will be using RG-58 with a solid center conductor. Got lots of  
> it.  
> Anybody got experience/information/opinion?  
> Thanks and 73,  
> Bob N6WG  
>

---

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<http://dl.www.juno.com/get/tagj>.

---

Date: Thu, 2 Mar 2000 08:40:34 +0100  
From: =?Windows-1252?Q?St=E9phane\_Collas?= <scollas@club-confair.com>  
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Subject: [64724] Home Page...  
Message-ID: <009201bf841a\$987231a0\$050a1fc0@magic.fr>  
MIME-Version: 1.0  
Content-Type: text/plain;  
    charset="Windows-1252"  
Content-Transfer-Encoding: 7bit

Hello all,

Some modifications on my home page.

<http://www.qsl.net/f5nzy>

It will be my pleasure to receive your visit.

73's de Steph, F5NZY.

-----  
Date: Thu, 2 Mar 2000 02:21:04 -0500  
From: hamjoel@juno.com  
To: qrp-l@lehigh.edu  
Subject: [64725] qrp+ xmit off freq  
Message-ID: <20000302.032022.-228431.0.hamjoel@juno.com>  
MIME-Version: 1.0  
Content-Type: text/plain  
Content-Transfer-Encoding: 7bit

need some help

my particular "new improved qrp+" has the xmtr come on about thirty cycles or hertz... lower than the receiver... any "CURES" FOR THIS CONDITION????

i USE THE RIT to work psk as the 30 cycles is almost out of the other person's pass band...

evry thing seems to be controlled by the microprocessor in this rig... and seems I remember a post about the 4mhz clock speed being the problem...

any solutions would be nice... if not I do need an anchor for my kayak... :-)

Joel KE1LA

In Maine

trying to decide where to connect the anchor rope to the radio

-----  
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Try it today - there's no risk! For your FREE software, visit:  
<http://dl.www.juno.com/get/tagj>.

-----  
Date: Wed, 01 Mar 2000 20:45:24 -0500  
From: S LYON <sslyon@worldnet.att.net>  
To: qrp chat <qrp-l@Lehigh.EDU>  
Subject: [64726] 40M NOISE?  
Message-ID: <38BDC7B4.75389714@worldnet.att.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

O.K., so I've been away from radio for a while and been a bad boy with

my "DEL" key... What in blue blazes is going on around 7.039 +/- 10kc  
??!! I got blown off the band last nite and it was still there at 0700  
this A.M.

Sounds like a gov'mt thing. Did some agency scan the bands and decide  
this was a "relatively unused" segment, safe to pounce upon? Peeved  
QRP-ers want to know.

72

-s-

--

'Seab' Lyon - AA1MY  
Beacon NY USA FN-31  
QRP-L 574 ARCI 9253

-----  
Date: Thu, 2 Mar 2000 03:56:39 -0500  
From: "J. Ervin Bates" <w8erv@email.msn.com>  
To: "SOC" <secondclassopsclub@egroups.com>, "Low Power Amateur Radio Discussion"  
<qrp-l@Lehigh.EDU>  
Subject: [64727] Clipperton!  
Message-ID: <00f001bf8425\$59665bc0\$ca451b3f@win98>

Well, what a nice surprise!!! Came home from work about 0820Z and found  
FO0AAA on the air. Well, once I got tuned up and figured out they were  
running split, I got em second try! GREAT to have them on the air. Now,  
can I work them SSB Annnnnnnnd CW on all bands? Is it considered bad form  
to try?

72/74,  
Erv W8ERV

HamFair2000 is coming...ask me about it!  
"Dare to Dream-It Sets Your Spirit Free!"

-----  
10-10# 70639 - QRP-ARCI# 9702 - SOC# 41  
QRP-L #1569 - NorCal Zombie #236 - Worked All  
El Paso #033/1999

-----  
Date: Thu, 2 Mar 2000 04:48:56 -0500 (EST)  
From: Bob Patten <n4bp@bc.seflin.org>  
To: "J. Ervin Bates" <w8erv@email.msn.com>  
Cc: SOC <secondclassopsclub@egroups.com>, Low Power Amateur Radio Discussion <qrp-

1@Lehigh.EDU&gt;

Subject: [64728] Re: [secondclassopsclub] Clipperton!

Message-ID: <Pine.3.89.10003020422.A18082-0100000@bc.seflin.org>

MIME-Version: 1.0

Content-Type: TEXT/PLAIN; charset=US-ASCII

On Thu, 2 Mar 2000, J. Ervin Bates wrote:

>

```
> Well, what a nice surprise!!! Came home from work about 0820Z and found
> FO0AAA on the air. Well, once I got tuned up and figured out they were
> running split, I got em second try! GREAT to have them on the air. Now,
> can I work them SSB Annnnnnnnd CW on all bands? Is it considered bad form
> to try?
```

>

Certainly not, Erv. Add them to your 5Band DXCC! Many, though, consider it second class to work a rare one multiple times on the same band/mode. Guess that's fine for us though. :-)

73,

Bob Patten, N4BP ( 0 0 ) Plantation, FL  
o00o-( )-o00

E-Mail: [n4bp@bc.seflin.org](mailto:n4bp@bc.seflin.org)

Web Page: <http://www.qsl.net/n4bp>

Brass Pounder BBS: (954) 472-7715

SOC #1 Whiners #6

Date: Thu, 2 Mar 2000 05:26:39 -0600

From: "Joe Spencer" <KK5NA@quadj.com>

To: "QRP-L Discussion" <grp-l@Lehigh.EDU>

Subject: [64729] HAMCOM 2000

Message-ID: <009601bf843a\$2dedec00\$5200430a@vectra>

MIME-Version: 1.0

Content-Type: text/plain;

```
charset="Windows-1252"
```

Content-Transfer-Encoding: 7bit

HAMCOM 2000 will take place in Arlington, TX on 9 and 10 June.

We plan to have several QRP activities and speakers this year.

This is a call for speakers. Anyone planning to attend who would like to speak or give a presentation on a QRP related subject, please contact me so I may get you on the program.

More information on QRP tables, diner, rooms, building contest, hospitality room, etc will follow soon.

72/3 Joe KK5NA

-----  
To run from your demon is to have him pursue you.  
It is better to meet him in his world, than to face him in yours!  
-----

Visit the RACC QRP Home Page at <http://www.k5rac.org>  
Visit the FISTS Web page at <http://www.FISTS.org>  
Visit NORTEX QRP Home PAGE at <http://www.quadj.com/nortex.htm>  
Elecraft Web Page: <http://www.elecraft.com>

-----  
Date: Thu, 2 Mar 2000 06:20:04 -0600  
From: Karl Kanalz <KKanalz@excel.com>  
To: "'K2UD@aol.com'" <K2UD@aol.com>, Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [64730] RE: Electrolytic can and Callectro meter  
Message-ID: <2D343922E283D211945C0008C7A41B2A01A74506@adntex01.adsn.dal.excel.com>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"

Howard,  
Why does the 100 ma panel meter HAVE to be a "Callectro"?  
There are lots of other manufacturers of panel meters around  
and you can usually find them at bargain prices in surplus stores  
and at swap meets. Check with some of the guys in your local  
ham club (you do belong to one, don't you?), and I'll bet you'll  
get offers of "free" panel meters from some of the old timers.

Karl K - W8TIF  
McKinney, Texas

-----Original Message-----  
From: K2UD@aol.com [mailto:K2UD@aol.com]  
Sent: Wednesday, March 01, 2000 6:37 PM  
To: Low Power Amateur Radio Discussion  
Subject: WTD: Electrolytic can and Callectro meter

I am looking for 2 items I need to build a tube CW transmitter.

1.) 100uf 450VDC electrolytic can capacitor, single section with mounting

HW

2.) Calectro 0-100ma DC panel meter (ovalled case)

Anybody have these? Please drop me an e-mail. TNX to all.

72/73

Howard Kraus, K2UD

-----  
Date: Thu, 02 Mar 2000 07:36:15 EST  
From: n5ib@juno.com  
To: qrp-l@Lehigh.edu  
Subject: [64731] FOX: Is there a "slower" foxhunt ever?  
Message-ID: <20000302.062836.4671.0.N5IB@juno.com>

Well, gang...

I'm to be the (Mardis Gras) fox, a rookie, next Tuesday night (0200-0400 Z Wednesday) and it's gonna be an old fashioned hunt - paper log, J-38 straight key, using my DSW-40.

Now, I don't think I've ever visited the top side of 20 wpm with my straight key, and my comfort zone is way more like 15-18. So after an hour of pounding away I'll betcha the second hour is gonna be more languorous. And if any of you send QRS I'll ask a silent blessing upon your head and acquiesce gratefully.

For the rest of you more QRQly lads (and lassies), I can probably handle your copy at 20-25 or so. But I will abandon all vestiges of manly pride and beg for QRS if I have to.

More details on the hunt near the end of the weekend, gotto go shampoo and blow-dry my pelt. Back to the den...

72  
Jim N5IB  
QRP-L 1913, SOC 159

-----  
YOU'RE PAYING TOO MUCH FOR THE INTERNET!  
Juno now offers FREE Internet Access!  
Try it today - there's no risk! For your FREE software, visit:  
<http://dl.www.juno.com/get/tagj>.  
-----



Date: Thu, 02 Mar 2000 05:25:52 -0800  
From: Gardner / Maguire <BethDan@pacbell.net>  
To: qrp-l@lehigh.edu  
Cc: n2cx@voicenet.com, n6wg@earthlink.net  
Subject: [64732] Re: SWR on 75 ohm line (with the RF-1)  
Message-ID: <38BE6BE0.5D3D@pacbell.net>  
MIME-version: 1.0  
Content-type: text/plain; charset=us-ascii  
Content-transfer-encoding: 7bit

Goran,

As Bob and Joe have mentioned, winding a 75:50 ohm broadband transformer is the technically correct way to go. My version of the ARRL Antenna Book (17th ed) shows the details in the last part of Chapter 25, "Coupling the Transmitter to the Line." (BTW, the example shown is obviously meant for QRO work. And I quote, "A key down 1500W signal produced no noticeable core heating ..."! Looks like the toroid they used could do double duty as a battleship anchor!)

As for Joe's second approach, unless I mis-read it, I think putting a 150 ohm resistor in parallel with the load only works in a few certain situations. As he said, if the load is 75 ohms (all resistive) in parallel with 150 ohms (= 50 ohms) then yes the RF-1 would show a 1:1 SWR(50). But I think that's true only if you made the measurement right at the load or at the input end of exactly a half wavelength (or multiple) of your 75 ohm line. (And actually, it wouldn't matter what the  $Z_0$  of your line was. Any  $Z_0$  would duplicate the load impedance at the .5 wavelength points, ignoring line losses.) At other points on the line, SWR(50) would not be 1 even with exactly 50 ohms (75 parallel 150 equivalent) at the load. Just as an example, a 50 ohm load at one end of a .25 wavelength section of  $Z_0$  75 ohm line (ideal line, no losses) would transform to  $112.5 + j0$  ohms. The "true" SWR (anywhere) on the line would be 1.5, and a 50-ohm meter like the RF-1 would read SWR 2.25 at this point, not 1. In this particular combination of load =  $50 + j0$  and  $Z_0 = 75$ , the SWR(50) reading would cycle back and forth like a sine wave between 1 at the half wave points and 2.25 at the quarter wave points. Or maybe I just misinterpreted what Joe was saying.

OK, so here are some other ideas:

Instead of a broadband 75:50 ohm transformer, you could use your antenna tuner to make a "narrow band" 75:50 ohm transformer. (If you don't have an antenna tuner, you could make an equivalent LC matching network out of junk box parts.) Put a 75 ohm resistor on the output side of the tuner. Attach the RF-1 to the input side and set the frequency to where you want to take the readings. Adjust the tuner until you get a perfect

1:1 SWR on the (50 ohm) RF-1. Now remove the 75 ohm resistor from the output side, attach your unknown load, and don't touch the controls on the tuner. At this one frequency (and within acceptable errors on either side in a small range), any impedance will be transformed to a 50 ohm basis and your RF-1 will read the "corrected" SWR.

Let's take an example. Suppose your load is  $40+j10$ . On a 75 ohm SWR meter (if you had such a thing), the SWR would read 1.921. (On a 50 ohm meter the SWR would read 1.370, but you don't care about that.) Now suppose your tuner is just a simple LC network (which most commercial tuners are not, but it keeps this example simple). You would find that the tuner values would be a parallel C (on the load side) with a value of  $X_c = -106.7$  ohms and a series L with a value of  $X_l = 35.36$  ohms. To find out what  $40+j10$  (on the 75 ohm side) would look like on the other side (the 50 ohm side) of the tuner you need to convert the original  $40+j10$  to parallel equivalent form, combine it with the (in parallel)  $X_c$  of  $-106.7$ , convert the result back to series equivalent, and combine that with the (in series)  $X_l$  of  $35.36$ . The result would be  $41.55+j29.09$  ohms. Now what earthly good is that? Well, when  $41.55+j29.09$  is measured on a 50 ohm SWR meter, the reading is ... 1.921. Just what the "true" (ref  $Z_0$  75 ohm) SWR is.

This would work at any frequency if the components of the tuner (or LC network) maintained the same  $X_c$  and  $X_l$  values. With real capacitors and inductors the reactance is of course dependent on frequency. That's why it's a narrow band and not wide band solution. However, given that the RF-1 shows SWR only to a 0.1 resolution, you could probably use this technique within 100 KHz or so on either side of a given frequency. (But warning, I didn't do the math.)

OK, so maybe you don't have a tuner and your junk box just got raided for some other project. Here's another idea.

You can use the RF-1 to determine the actual R and  $jX$  of the load, either using the "SWR and Z" method or the "Three Meter Method." (For the former, note that it doesn't matter that the SWR is not the "true" SWR on 75 ohm line. The math involved works based on a SWR(50) reading, which is what you get with the RF-1. And you don't really need to know the sign of X, just the magnitude.) Once you know  $R+jX$ , then you can use the general equations (in all the ARRL books) to determine what the SWR would be on a line with any  $Z_0$ .

For example, let's say you determine (using one of the above tricks with the RF-1) that your load is (again)  $40+j10$ . First you need to find the magnitude of the reflection coefficient,  $\rho$ . Then you use  $\rho$  to find the SWR. The equations are:

$$\rho = \sqrt{((R-Z_0)^2 + X^2) / ((R+Z_0)^2 + X^2)}$$

$$SWR = (1 + \rho) / (1 - \rho)$$

In our example (for  $Z_0$  75 line), we'd get  $\rho = 0.3153$  and  $SWR = 1.921$ . Note that the  $X$  term is always squared, which is why we didn't care if we had the correct sign. (Remember that the "SWR and  $Z$ " method gives you  $R$  and the magnitude of  $X$ , but not the sign of  $X$ .) The disadvantages of this approach are the lack of accuracy to which you can determine  $R+jX$ , and the fact that you have to do some figuring and can't just watch the SWR swing as you change frequencies or prune the antenna or whatever.

Here's another idea with absolutely no practical application, but it's neat in theory. If you placed exactly a .25 wavelength section of  $Z_0 = 61.24$  ohm line between the input end of your 75 ohm line and the RF-1, then all impedances would be transformed just like in the tuner situation. Again this would only work precisely at one frequency (because at other frequencies the section would not be exactly a quarter wavelength long). And darn it, Radio Shack just told me they sold out of all their 61.24 ohm coax. I guess it would be possible to make up some open wire homebrew line with the correct dimensions, but the spacing would be pretty small and critical. Oh well, like I said, this one doesn't seem too practical. (Thanks to Bert, WD8KBW, for this one. There's no way I could have dreamed this up myself! Although you sharpies will recognize this as a takeoff on using a quarter wave section of 75 (approx) ohm line between a 100 ohm antenna and a finicky transmitter looking for 50 ohms.)

Hey gang, I really apologize for rambling on like this. But for the one or two of you who haven't hit the delete key yet (either with your finger or because you dozed off and your forehead fell forward onto the keyboard), you don't need to do all the math involved here with your pocket calculator and the back of an envelope. You can go to the software section of the NorCal site where you'll find some programs to help. SWR.BAS gives you SWR for any combo of  $R$ ,  $X$ , and  $Z_0$ . LNET.BAS gives you the component values for a simple LC matching network. (And the HAMCALC package [not on the NorCal site] gives you a bunch more.) ZMATH.BAS lets you easily do all the math on the impedance numbers to figure out what happens in going from one side of a tuner to the other. And ZIZL.BAS does things like let you see a plot of the swings in  $R$  and  $X$  along a 75 ohm line when the load is 50 ohms, along with what happens when you transpose an impedance thru a quarter wavelength of, yes, 61.24 ohm line. All found in a zip file at  
<http://www.fix.net/~jparker/norcal/software/software.htm>

Now where's that hole that Ron says I'm supposed to get back into ...

73,  
Dan AC6LA  
Morgan Hill, CA

-----  
Date: Thu, 2 Mar 2000 08:00:53 -0600 (CST)  
From: Bruce Rattray <rattray@gpfn.sk.ca>  
To: Bob Hightower <nk7m@extremezone.com>  
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [64733] Re: Virus  
Message-ID: <Pine.LNX.3.95.1000302080028.1251B-1000000@neale.gpfn.sk.ca>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

Thanks Bob.....Pretty Park.exe is another one going 'round.....

..72/73 - Bruce (VE5RC+VE5QRP) QRP-C#1 QRP-L#886 ARCI#9683 Zombie#272  
A-1 Operator Club - 10/10# 944 - SOC #11 & #12 - Whiner#10 -  
"QRP! How sweet it is!" "I am da man wit "DAH" paddle!"

On Wed, 1 Mar 2000, Bob Hightower wrote:

> Got a note today with Happy99 attached to it. Looks like it's going around  
> again, but, fortunately, my virus checker caught it.  
>  
> If you get a note with this file as an .exe attachment, don't open it.  
>  
> Bob Hightower NK7M  
> Chandler, AZ  
> SOC #20  
>  
>  
>  
>  
> <http://www.extremezone.com/~nk7m>  
>

-----  
Date: Thu, 2 Mar 2000 06:35:06 -0800 (PST)  
From: Jim Hale <kj5tf@yahoo.com>  
To: QRP-L <qrp-l@Lehigh.EDU>  
Subject: [64734] Dual band tree quad  
Message-ID: <20000302143506.24065.qmail@web701.mail.yahoo.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii

Its windy here in the Ozarks so it must be time to go  
tree fishing, right? Hi

It was fun breaking the miles per watt records on 17/12M bands. The 17M record was done with a inverted Vee dipole @ 20ft. The 12M record was set with C08LY useing my 24mHz tree quad 8ft off the ground.

So my next challange is to add a 17M driven element to the 12M DE. And then hang a 17M reflector in the branches outside the 12M ref.

The RG58U feeds the 12M quad, and will then feed both driven elements.

I have pictures of the 12M tree quad & full details on how to make one on my webpage. See the address below.

Tree fishing is always a challange, but leave it to me to toss up weights & string in windy conditions!

Maybe there is more "Mojo" this way?! Hi

72/71's Jim KJ5TF  
"All milliwatts, All the time

=====

<http://www.madisoncounty.net/~kj5tf/>  
Milliwatting Editor ARCI QRP Quarterly  
Join/renew membership QRP Amateur Radio Club International  
<http://www.qrparci.org/arcijoin.html>  
AR QRP#2 - Kingston, Arkansas 35.94N 93.47W  
Private email [kj5tf@madisoncounty.net](mailto:kj5tf@madisoncounty.net)

-----  
Do You Yahoo!?  
Talk to your friends online with Yahoo! Messenger.  
<http://im.yahoo.com>

-----

Date: Thu, 2 Mar 2000 09:37:15 -0500  
From: "Hare, Ed, W1RFI" <[w1rfi@arrl.org](mailto:w1rfi@arrl.org)>  
To: "'tjarey@home.com'" <[tjarey@home.com](mailto:tjarey@home.com)>  
Cc: "'Low Power Amateur Radio Discussion'" <[qrp-1@Lehigh.edu](mailto:qrp-1@Lehigh.edu)>  
Subject: [64735] RE: [Operating]Slow Speed Events - QRS  
Message-ID: <125490A005E3D3118C9C00805FC743CC08D250@mail.arrl.org>  
MIME-Version: 1.0  
Content-Type: text/plain;

charset="iso-8859-1"

Hi, Skip,

Yup, that was me, and I felt bad at not doing it without being asked. Chalk it up to exuberance. :-) Plus, too, some who come back to me on a straight key can easily copy the faster speed.

Especially with the likelihood that we will see at least a few new ops who are 5 wpm qualified after April 15 who want to try CW, us faster ops need to be quite ready to spend a bit of time helping to Elmer the newcomers. With the licensing changes (liking them or not is another argument -- not for QRP-L), the ONLY way we are going to see new CW ops is by encouragement and Elmering.

73 from ARRL HQ,  
Ed Hare, W1RFI  
ARRL Laboratory Supervisor  
225 Main St.  
Newington, CT 06111  
860-594-0318  
Internet: w1rfi@arrl.org  
ARRL Web: <http://www.arrl.org/>.  
ARRL Technical Information Service: <http://www.arrl.org/tis>.

-----Original Message-----

From: T.J. "SKIP" Arey N2EI [mailto:tjarey@home.com]  
Sent: Wednesday, March 01, 2000 10:56 PM  
To: Low Power Amateur Radio Discussion  
Subject: [Operating]Slow Speed Events - QRS

I sent QRS to Dave Demaw while he was operating W1FB this weekend and he came right down to my speed (Around 18 or so). I've worked Ed W1RFI a number of times and places and he has always been kind enough to come down to my speed. Most operators are more than willing to QRS. I do it myself on the Novice portions of the band all the time. Thats why I lean towards keyers with Speed Pots on them. Easy QRS or QRQ depending on the situation.

--

+++++

T.J. "SKIP" AREY N2EI e-mail [tjarey@home.com](mailto:tjarey@home.com)

Website <http://members.home.net/tjarey>

Snail Mail: PO Box 236, Beverly, NJ 08010

Specialization is for insects! LAZARUS LONG

-----  
Date: Thu, 02 Mar 2000 07:58:32 -0700  
From: Ray Colbert <af852@rgfn.epcc.edu>  
To: qrp-l@lehigh.edu  
Subject: [64736] Re: 40M NOISE?  
Message-ID: <38BE8198.7F9D3062@rgfn.epcc.edu>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Well, I have been hearing it on/off for the past 2 or 3 weeks,  
at least. Sounds like a government type mux rtty signal.  
Seems to be loudest here in the early mornings - maybe from  
the Pacific area or coming in longpath from Europe? Hopefully  
some of the Intruder Watchers have already reported it to  
their respective governments for protests and removal.

--  
"The more I see of the representatives of the people,  
the more I admire my dogs."

letter from Count d'Orsay to John Foster 1850

-----  
Ray Colbert, W5XE, 00TC#3618, SOWP#1064M NARTE-NCT2 SOC#78  
(also w5xe@juno.com El Paso, (FAR WEST) TEXAS

-----  
Date: Thu, 2 Mar 2000 10:02:23 -0500 (EST)  
From: "baltimoremd@baltimoremd.com" <baltimoremd@baltimoremd.com>  
To: "Hare, Ed, W1RFI" <w1rfi@arrl.org>  
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [64737] RE: [Operating]Slow Speed Events - QRS  
Message-ID: <Pine.BSI.4.05L.10003020958570.7590-100000@vh1.min.net>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Thu, 2 Mar 2000, Hare, Ed, W1RFI wrote:

> Especially with the likelihood that we will see at least a few new ops who  
> are 5 wpm qualified after April 15 who want to try CW, us faster ops need to  
> be quite ready to spend a bit of time helping to Elmer the newcomers. With  
> the licensing changes (liking them or not is another argument -- not for  
> QRP-L), the ONLY way we are going to see new CW ops is by encouragement and

Couldn't agree more ... and remember some of my first cw contacts ... where nice folks slowed down to a crawl, put up with a terrible fist, etc.

```
73 thom lacosta
k3hxn
```

Thom LaCosta Webmaster

Baltimore - A link to The City - visit us for Postcards, Home Page Registry and much more.  
Baltimore Press - Smaller, Smarter, Better

Date: Thu, 02 Mar 2000 08:09:17 -0700  
From: Ray Colbert <af852@rgfn.epcc.edu>  
To: qrp-l@lehigh.edu  
Subject: [64738] Re: Virus--Pretty Park.exe  
Message-ID: <38BE841D.C6459CC8@rgfn.epcc.edu>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Thanks for the warning on that - had a couple of those in my mail yesterday or the day before (originated on thru the SOC mail) but I did NOT recognize the sender and hit the delete button. Sure glad I did not let my curiosity get the better of me.

--  
"The more I see of the representatives of the people,  
the more I admire my dogs."  
letter from Count d'Orsay to John Foster 1850



-----

Ed Lawson  
K1VP

-----

>>>>>>>>>>>>>>>> Original Message <<<<<<<<<<<<<<<<

On 3/2/00, 9:37:15 AM, "Hare, Ed, W1RFI" <w1rfi@arrl.org> wrote=20  
regarding RE: [Operating]Slow Speed Events - QRS:

> Especially with the likelihood that we will see at least a few new ops=  
=20  
who  
> are 5 wpm qualified after April 15 who want to try CW, us faster ops=20=  
need to  
> be quite ready to spend a bit of time helping to Elmer the newcomers. =  
=20

I have always tried to spend some time each week in the Novice bands=20=  
making QSOs with those who were sending at a lower rate. BTW, they are=20=  
not all Novices by any means. I suspect now they will be all over the=20=  
band, but they should still be worked regularly by those who have=20  
solid CW skills. It is not just speed, it is all the other things=20  
which make for good operating using CW. Much of which I'm still=20  
learning too. After all, passing the 20 wpm test did not make me a=20  
good CW operator nor anyone else I suspect.

Ed Lawson  
K1VP =20

-----  
Date: Thu, 02 Mar 2000 15:56:18 GMT  
From: "Mark Adams" <k2qo@hotmail.com>  
To: qrp-l@lehigh.edu  
Cc: n6wg@earthlink.net  
Subject: [64741] HB: ??Help with 75:50 Ohm Xformer??  
Message-ID: <20000302155618.96504.qmail@hotmail.com>  
Mime-Version: 1.0  
Content-Type: text/plain; format=flowed

Gang,

I have long wanted to build a pair of 75:50 ohm broadband transformers for  
the ends of my 150' of 1/2" hardline to HF6V setup. The antenna book has a  
nice unit meant for major QRO. I only need one to stand up to 50W max.  
(Sorry, but I just bought an ARGOSY, and I do use the 50W to SSB ragchew

with DX. I do feel a bit guilty about this, but it is nice to actually talk to these guys as opposed to, "you're too weak, try again later.")

Anyway, I have lots of common torroids at home and have build numerous 4:1 and 1:1 units.

How about plans for a low power 75:50 Ohm transformer!?

Mark S. Adams, K2QO (ex-N2VPK)  
The Buffalo QRP Connection

-----  
Get Your Private, Free Email at <http://www.hotmail.com>

-----  
Date: Thu, 02 Mar 2000 11:05:38 -0500  
From: "ROBERT EVANS" <revans@sarnoff.com>  
To: George Heron N2APB <n2apb@erols.com>  
Cc: NJQRP <NJQRP@njqrp.org>, Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>, tjarey@home.com  
Subject: [64742] Re: SNAP Success  
Message-ID: <38BE9152.9167C2CC@sarnoff.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

George Heron N2APB wrote:

<snip>

Either build the circuit yourself from the soon-to-be-posted schematic,

<snip>

I have been unable to find the posted schematic.

CU DE N2LO~>

-----  
Date: Thu, 2 Mar 2000 09:07:36 -0700  
From: "Ron Smith" <resmith666@uswest.net>  
To: <secondclassopsclub@egroups.com>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>



Ed Lawson  
SOC #231

-----  
Date: Thu, 2 Mar 2000 09:19:41 -0800 (PST)  
From: Monte Stark <ku7y@dri.edu>  
To: Bob Tellefsen <n6wg@earthlink.net>  
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [64745] Re: Need BNC info  
Message-ID: <Pine.GS0.4.10.10003020913420.10682-1000000@rotor.dri.edu>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

Hi Bob and all,

For the past several years we have used MANY BNC connectors,  
both for antenna feedlines and for 12 VDC lines.

The "tried and true" screw together connectors have always  
given the guys fits to get them right. The results were many  
failures.

Crimp connectors were tried but ice loading would pull the  
coax out of the fitting far too often. (Each failure required  
the use of a helicopter to get up there and fix it. At ~\$500  
per hour this makes for some very expensive connectors!) The  
other thing to look was down time!

The connector we have used for the past several years is a  
solder on pin and a "push" on "sleeve" for the braid.

Amphenol # 31-4700

This is the Pin (male) connector for RG58.

We have not had any failures with these!

cul,

73, Ron

.....KU7Y.....ARCI #8829.....Monte "Ron" Stark.....  
....ku7y@qsl.net....SOC #2.....Nevada....NRA LIFE....

.....SOWP 5545M.....WHINERS #1.....ZOMBIE #18.....

-----  
Date: Thu, 02 Mar 2000 10:21:33 -0700  
From: "Caro, Carlos" <carlos.caro@lmco.com>  
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>, "'k1vp@lawson-philpot.com'" <k1vp@lawson-philpot.com>  
Subject: [64746] RE: [secondclassopsclub] Clipperton!  
Message-ID: <D0A28D7EFEB4D11181DE0000F80627BB023A46BA@emss02m14.ems.lmco.com>  
Content-return: allowed  
MIME-version: 1.0  
Content-type: text/plain; charset=iso-8859-1  
Content-transfer-encoding: quoted-printable

Guys,

Most of the members of SOC are also members of QRP-L, and consdering =  
that  
even a stopped watch is right twice a day, I see nothing wrong with =  
cross  
posting if the subject is of interest to hams and qrp in general. Lets =  
not  
set up spite fences.

Regards, Carlos KB=D8REI  
QRP-L #1333 and SOC #91

-----  
Date: Thu, 2 Mar 2000 09:10:04 -0800  
From: Bill Ross <k6mgo@juno.com>  
To: qrp-l@Lehigh.EDU  
Subject: [64747] O.T. PsK31  
Message-ID: <20000302.091006.-332691.2.k6mgo@juno.com>  
MIME-Version: 1.0  
Content-Type: text/plain  
Content-Transfer-Encoding: 7bit

Can someone please tell me how to get on the PSK31 reflector?  
Thanks in advance.  
73/72  
Bill, K6MGO, Marina Del Rey, CA

-----  
Date: Thu, 2 Mar 2000 09:54:55 -0800 (PST)

From: Monte Stark <ku7y@dri.edu>  
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [64748] SOC and splitting up the list  
Message-ID: <Pine.GS0.4.10.10003020949160.10682-100000@rotor.dri.edu>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

>  
> Most of the members of SOC are also members of QRP-L  
  
> Lets not set up spite fences.

You bet!

SOC is just as valid a QRP "event" as fox hunting, contesting,  
DXing or rag chewing.

This list is a high traffic list. It is NOT a list that is  
centered on only one or two narrow topics nor should it be.

This is where all the fun things happen. This is where the  
"QRP FAMILY" hangs out on the internet.

I see any splitting of the list as a very poor thing.

For those who don't like lots of traffic, there is the option  
of filters.

And I do think that people should use subject lines that  
let people use filters!

I'll have another post later about something that has me  
very upset.....gotta calm down a bit first!

cul,

73, Ron

.....KU7Y.....ARCI #8829.....Monte "Ron" Stark.....  
....ku7y@qsl.net....SOC #2.....Nevada....NRA LIFE....  
.....SOWP 5545M.....WHINERS #1.....ZOMBIE #18.....

-----  
Date: Thu, 2 Mar 2000 12:58:07 -0500  
From: "Hare, Ed, W1RFI" <w1rfi@arrl.org>  
To: "'k1vp@lawson-philpot.com'" <k1vp@lawson-philpot.com>, Low Power Amateur Radio

Hi, Ed,

73 from ARRL HQ,  
Ed Hare, W1RFI  
ARRL Laboratory Supervisor  
225 Main St.  
Newington, CT 06111  
860-594-0318  
Internet: w1rfi@arrl.org  
ARRL Web: <http://www.arrl.org/>.  
ARRL Technical Information Service: <http://www.arrl.org/tis>.

From: k1vp@lawson-philpot.com [mailto:k1vp@lawson-philpot.com]  
Sent: Thursday, March 02, 2000 10:52 AM  
To: Low Power Amateur Radio Discussion  
Subject: RE: [Operating]Slow Speed Events - QRS

I have always tried to spend some time each week in the Novice bands making QSOs with those who were sending at a lower rate. BTW, they are



not all Novices by any means. I suspect now they will be all over the band, but they should still be worked regularly by those who have solid CW skills. It is not just speed, it is all the other things which make for good operating using CW. Much of which I'm still learning too. After all, passing the 20 wpm test did not make me a good CW operator nor anyone else I suspect.

Ed Lawson  
K1VP

-----  
Date: Thu, 2 Mar 2000 13:02:53 -0500 (EST)  
From: "Paul R. Valko" <prvalko@oakland.edu>  
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [64750] Moratorium on URL requests - Re: O.T. Psk31  
Message-ID: <Pine.OSF.4.21.0003021234370.29456-1000000@saturn3.acs.oakland.edu>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Thu, 2 Mar 2000, {name\_deleted} wrote:

> Can someone please tell me how to get on the PSK31 reflector?

It's the forth hit on <<http://www.google.com>>

That being said, unless this is another joke request :-) ...

This is the FOURTH day of a URL request posted to QRP-L after scores of posts directing people to various search engines. I'm a little curious about how many of the rest of you went immediately to GOOGLE and got the answer?

With all due respect... The Internet is new to many people, and we get new folks on the list everyday, but if that is not the case, is there a better way to announce to the 3,000+ members of QRP-L that a person simply does not want to bother paying attention to the QRP-L help?

73! =paul= W8KC  
Collector of Ten\*Tecs and other fine plastics.  
Visit the Virtual Ten\*Tec Museum at:  
<<http://www.acs.oakland.edu/~prvalko>>

-----  
Date: Thu, 2 Mar 2000 13:12:23 EST  
From: N10DL@aol.com  
To: qrp-1@lehigh.edu  
Subject: [64751] Crystal needed for 7.040  
Message-ID: <7b.1e2bd83.25f00907@aol.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset="US-ASCII"  
Content-Transfer-Encoding: 7bit

Can someone point me in the direction a place I can purchase a 40 meter crystal?

Thanks

Aron

N10DL

Bedford, NH

All the same club numbers as before...

-----  
Date: Thu, 02 Mar 2000 13:17:20 -0500  
From: Pete Burbank <plburbank@kih.net>  
To: <qrp-1@Lehigh.EDU>  
Subject: [64752] RE: [Operating]Slow Speed Events - QRS  
Message-ID: <3.0.32.20000302131716.00684ff8@kih.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

, us faster ops need to

>be quite ready to spend a bit of time helping to Elmer the newcomers. With

>the licensing changes (liking them or not is another argument -- not for

>QRP-L), the ONLY way we are going to see new CW ops is by encouragement and

>Elmering.

>

>73 from ARRL HQ,

>Ed Hare, W1RFI

This thread reminds me of a funny experience. One evening I slowed the keyer down and (feeling virtuous) tuned to 7110 and answered a slow CQ. After the QS0, I looked the call up on QRZ and he was an Extra, evidently doing the same Elmering thing I was.

73 Pete

NV4V

-----  
Date: Thu, 02 Mar 2000 13:18:23 -0500  
From: Fred Lesnick <flesnick@tbaytel.net>  
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>,  
"secondclassopsclub@egroups.com" <secondclassopsclub@egroups.com>  
Subject: [64753] Arrived in the mail....  
Message-ID: <38BEB06F.E93272CB@tbaytel.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Well a pleasant surprise in the mailbox today...Got my QRP Contest  
Calendar, and my SOC Certificate.....  
Both look great hanging on the wall by the radio desk..  
72/73  
Fred  
VE3FAL

-----  
Date: Thu, 02 Mar 2000 10:27:29 -0800  
From: Charlie Panek <charlie\_paneke@agilent.com>  
To: QRP List <qrp-l@lehigh.edu>  
Cc: Adam Kerner <adamk@pacificarch.com>  
Subject: [64754] WTB: HF Handheld  
Message-ID: <38BEB291.6C20A80E@agilent.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Listers:

I'm posting this for a friend who's looking for an HF Handheld. One  
of those Tokyo Hi-Power rigs would fit his bill nicely. Adam's email is  
adamk@pacificarch.com, if you know of one of these for sale (or available  
to loan).

Adam Kerner wrote:

>  
>  
> Greetings:  
> I'm getting ready to take a sea kayaking voyage in Panama, the San Blas  
> Islands. As space is obviously limited, I don't want to take a regular hf rig,  
even a 706.  
> But I was thinking that a handheld would be great. I know ICOM and Radio Shack  
have made  
> these in the past, for 10M and possibly more. AEA made the DX Handy, and a firm

called

>Tokyo Hy Power made a slick rig for 40, 15, and 6 meters. Maybe other manufacturers as  
>well. Does anyone have one, or know where I could get such an item to either borrow,  
>rent, or buy??? Any leads appreciated.  
>  
> Thanks,  
> K7ST Adam Kerner  
> 206 682-8730 x28

Charlie  
KX7L

--

Charlie Panek Agilent Technologies Inc.  
mailto:charlie\_panek@agilent.com Everett, Washington

-----  
Date: Thu, 02 Mar 2000 12:09:20 -0600  
From: Dave Sjolín <sjolin@swbell.net>  
To: Qrp-l Reflector <qrp-l@Lehigh.EDU>  
Subject: [64755] Solar flares today  
Message-ID: <38BEAE4F.95C83399@swbell.net>  
MIME-version: 1.0  
Content-type: text/plain; charset=us-ascii  
Content-transfer-encoding: 7bit

www.spaceweather.com had the following..

(2 Mar 2000 Solar Flare Alert: This morning, two intense solar flares erupted from sunspot group #8882. An X1-class flare was detected by NOAA's GOES-8 satellite at about 0830 UT, followed by an M6-class outburst at approximately 1400 UT. (These are provisional times and classifications.) Each flare was followed by a coronal mass ejection. Details to follow.... )

Read somewhere yesterday that two big active sunspots were facing directly toward the earth. If these flares came from these spots, maybe the earth will be in direct line for the radiation and the subsequent CME's

Guess the flux ought to go up even further. But in few days 40M will be the pits. Maybe those of us who operate VHF can also look forward to Aurora.

73 de Dave, N0IT

-----  
Date: Thu, 02 Mar 2000 12:12:29 -0600  
From: Dave Sjolin <sjolin@swbell.net>  
To: prvalko@oakland.edu  
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [64756] Re: Moratorium on URL requests - Re: O.T. Psk31  
Message-ID: <38BEAF0D.F234C59B@swbell.net>  
MIME-version: 1.0  
Content-type: text/plain; charset=us-ascii  
Content-transfer-encoding: 7bit

"Paul R. Valko" wrote:

> With all due respect... The Internet is new to many people, and we get new  
> folks on the list everyday, but if that is not the case, is there a better  
> way to announce to the 3,000+ members of QRP-L that a person simply does  
> not want to bother paying attention to the QRP-L help?

Or that a person is too lazy to help themselves!!

Paul, you have the patience of a saint.

73 de Dave, N0IT

-----  
Date: Thu, 2 Mar 2000 11:42:05 -0700  
From: "Ron Smith" <resmith666@uswest.net>  
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Subject: [64757] Re: [secondclassopsclub] Clipperton!  
Message-ID: <008501bf8477\$15a56a00\$0200000a@NET.uswest.net>  
MIME-Version: 1.0  
Content-Type: text/plain;  
        charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

> Most of the members of SOC are also members of QRP-L, and considering that  
> even a stopped watch is right twice a day, I see nothing wrong with cross  
> posting if the subject is of interest to hams and qrp in general. Lets not  
> set up spite fences.

Carlos, it's not a matter of one message to sort through and delete -- now  
it's a matter of deleting the same message TWICE!!! I don't have time to do  
that!!!

Ron Smith  
KD7VD  
Boise, Idaho

-----  
Date: Thu, 2 Mar 2000 13:46:19 -0500  
From: "Dieter \(\Diz\) Gentzow" <wb8qyy@cinci.rr.com>  
To: "QRP-L" <qrp-l@Lehigh.EDU>  
Subject: [64758] HB: Parts ID  
Message-ID: <005d01bf8477\$992a3cc0\$37b81b18@cinci.rr.com>  
MIME-Version: 1.0  
Content-Type: text/plain;  
        charset="Windows-1252"  
Content-Transfer-Encoding: 7bit

Hey gang,

I bought a bag of 200 transistors labeled "C1849 R.75" for a buck.  
I assume they are 2SC1849's. Anybody have a spec sheet on these?

73 & "oo's" - Dieter (DIZ) Gentzow - WB8QYY  
Loveland, Ohio (Clermont County - EM79ug) - near Cincinnati; 39.218N -  
84.305W  
SOC#8 FPqrp#-1 DL-QRP-AG#1454 QRP-L#1998 10-X#9389 CATT#26 K2#493  
ICQ#65019334 <http://w3.one.net/~gentzow/wb8qyy.htm>

-----  
Date: Thu, 02 Mar 2000 10:51:30 -0800  
From: Ed Loranger <we6w@qsl.net>  
To: qrp-l@lehigh.edu  
Subject: [64759] Little Help? K2 mike grounding.  
Message-ID: <38BEB832.6ED9@qsl.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Gang, it was just after midnight last  
night and I came across this while  
finishing up a K2 SSB module:

If you haven't already, now is the time to attach  
the microphone ground. (Instructions seperate or

on the K2 webpage)

What the Schlom-bowl-A??? Talk about your heart attack. I couldn't find a darn thing on this. I saw that the shell was not grounded and maybe there is a Hum problem or ground safety issue with RF etc. so I guessed what to do.

I put 4 turns of fine nickel wire around the microphone jack and ran that over to the ground hole pair on the board just to the left of one of the buttons. I added some solder to the wire around the jack to hold it. It can be removed when I hear of the "real" mod.

ANYWAY, I've looked around the K2 webpage for additional information about the REAL way to "Add the Microphone Ground" and can't find it. Anyone got the answer???

Speaking about having a panic attack. Here it was, 1:00 AM PST and I'm all excited to have the last calibration finished on the SSB. The USB/LSB carrier balance was perfect on the Spectrum analyzer so I was ready for the MIKE.

Well, guess who couldn't find a microphone? Me. I started digging, furiously searching. I wanted to have that thing on there for sure. Finally, after adding more lightbulbs to the ceiling and searching other boxes, I found the MH-7 mike.

Soldered up the option connector as best I could decipher. And it worked great.

Hopefully I'll get an SSB QSO soon and hear about it : )

Thanks! -Ed we6w

--

-72/Ed WE6W; A-1 OP; SOC #63 "AGN?"; QRP-L#1068  
<http://www.qsl.net/we6w> Santa Rosa, CA  
Call Tobor, The 8th Man, to the rescue!

-----

Date: Thu, 2 Mar 2000 11:53:53 -0700 (MST)

From: Chris Trask <ctrask@primenet.com>  
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [64760] Scottsdale, AZ Hamfest  
Message-ID: <Pine.BSI.3.96.1000302115250.15754A-100000@usr08.primenet.com>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

Could someone please tell me when the Scottsdale, AZ hamfest is? I know it's probably this month, but I'm not sure of the exact day.

Chris

```

      ,-----'
    /   What's all this   \
  /   extinct stuff, anyhow?  \
 \   -----'-----'
_ ||/
oo\
(--) \
 \   \ . ' - ' .
 \   \ ' " \
 \   \ . ( ) \
 \   \ '-| ) _ :. \
     | | | | \ ' .
     c__; c__; ' -... '>. __

```

# High Performance Mixers and Amplifiers for RF Communications

Chris Trask / N7ZWY  
Principal Engineer  
Sonoran Radio Research  
P.O. Box 25240  
Tempe, Arizona 85285-5240

IEEE Member #40274515

Email: [ctrask@primenet.com](mailto:ctrask@primenet.com)  
<http://www.primenet.com/~ctrask>

Graphics by Loek Frederiks

Date: Thu, 2 Mar 2000 10:54:20 -0800 (PST)  
From: Monte Stark <ku7y@dri.edu>  
To: Ron Smith <resmith666@uswest.net>  
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [64761] Re: [secondclassopsclub] Clipperton!  
Message-ID: <Pine.GS0.4.10.10003021053250.12280-1000000@rotor.dri.edu>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Thu, 2 Mar 2000, Ron Smith wrote:

```
> it's a matter of deleting the same message TWICE!!! I don't have time to do
```



> that!!!

That's what you get for sub'ing to two lists!

: -)

73, Ron

.....KU7Y.....ARCI #8829.....Monte "Ron" Stark.....  
....ku7y@qsl.net....SOC #2.....Nevada....NRA LIFE....  
.....SOWP 5545M.....WHINERS #1.....ZOMBIE #18.....

-----  
Date: Thu, 02 Mar 2000 13:07:54 -0600  
From: "George T. Baker" <w5yr@att.net>  
To: unlisted-recipients;; (no To-header on input)  
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [64762] Re: [secondclassopsclub] Clipperton!  
Message-ID: <38BEB0A.2A05723C@att.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Ron, why sub to any lists at all if you have so little time?

There is no way that any list can guarantee to include only the postings that you want to read, and nothing else. I share your problem of dealing with a large number of postings each day, but would you prefer that activity and interest were so low that we had to "deal" with only a half-dozen or so?

Sorry, if I can't commiserate with you, but I \*welcome\* hearing from so many interested, active people doing what I am interested in. Keep 'em coming!

72/73, George  
Fairview, TX 30 mi NE Dallas in Collin county  
Amateur Radio W5YR, in the 54th year and it just keeps getting better!  
R/C since 1964 - AMA 98452 RVing since 1972 Kachina #91900556

Monte Stark wrote:

>  
> On Thu, 2 Mar 2000, Ron Smith wrote:  
>

> > it's a matter of deleting the same message TWICE!!! I don't have time to do  
> > that!!!  
>  
> That's what you get for sub'ing to two lists!

-----  
Date: Thu, 2 Mar 2000 14:40:07 -0500  
From: Sam Billingsley <SBillingsley@usaninc.com>  
To: "\_AAAA\_NOGA\_onlist (E-mail)" <nogaqrp@qth.net>, "Qrpl\_Submit (E-mail)" <qrp-  
l@Lehigh.EDU>, "klqrp\_submit (E-mail)" <klqrp@waterw.com>  
Subject: [64763] Now this is QRPppppppppppppppp!  
Message-ID: <66FCE0D1DF76D311913800805F6D0FA379716C@mailserver1.usan.com>  
MIME-Version: 1.0  
Content-Type: text/plain

>>>>>snip>>>>>

Pioneer 10 was launched on March 2, 1972 from Cape Kennedy aboard an Atlas Centaur rocket for a two-year mission to Jupiter. Twenty-eight years later, the probe is about twice as far from the Sun as Pluto. It's bound for interstellar space at 13 km/s (28,000 miles per hour) heading in the general direction of the first magnitude star Aldebaran.

>>>>>snip>>>>>

The spacecraft's 8-watt signal, equal to the power of a night light, now reaches NASA's Deep Space Network antennas with the strength of .3 billionths of a trillionth of a watt! Scientists are tracking the feeble transmissions as part of an advanced concept study of chaos theory and to learn more about conditions in the solar system beyond Pluto.

In February, ground controllers sent commands to Pioneer instructing the craft to maneuver to improve the reception of its signal on Earth. Pioneer is so low on power that its transmitter had to be turned off to allow it to execute the turn. After 90 minutes of blind flight the transmitter was reactivated. After more than 10 hours -- the time it takes for light to travel 11 billion km (6.8 billion miles) from Pioneer 10 to Earth -- anxious ground controllers received a signal that the maneuver had been a success.

For the complete story check out  
[http://spacescience.com/headlines/y2000/ast02mar\\_1.htm](http://spacescience.com/headlines/y2000/ast02mar_1.htm)

Sam Billingsley AE4GX Atlanta, GA  
personal web page at <http://ae4gx.home.mindspring.com/>  
North Georgia QRP Club web page at <http://www.qsl.net/nogaqrp/>

-----  
Date: Thu, 2 Mar 2000 14:40:32 EST  
From: RangerSF5@aol.com  
To: qrp-l@lehigh.edu  
Subject: [64764] HELP with QRP-L.....Anyone see this???  
Message-ID: <3f.19fda58.25f01db0@aol.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset="US-ASCII"  
Content-Transfer-Encoding: 7bit

Hi Gang,  
I'm not seeing my post again.  
I unsubscribed and signed up again and received the greeting.  
The 1 post I made here showed up on yahoo.com mail so I unsubscribed from there thinking that may have caused a conflict.  
I see all the post but don't see mine.  
Bob  
WA2HOQrp <tm>

-----  
Date: Thu, 2 Mar 2000 12:42:13 -0700  
From: "Ron Smith" <resmith666@uswest.net>  
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Subject: [64765] List Subscriptions - Was: Re: [secondclassopsclub] Clipperton!  
Message-ID: <01a101bf847f\$6a1c0f00\$02000000a@NET.uswest.net>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

> Ron, why sub to any lists at all if you have so little time?

What a great idea! Wish I had thought of it!!

Thanks

Ron Smith - KD7VD - Boise, Idaho

-----

Date: Thu, 2 Mar 2000 13:54:45 -0600  
From: "Deitz, Harold L." <hdeitz@ms.rose.cc.ok.us>  
To: "'qrp-l@lehigh.edu'" <qrp-l@lehigh.edu>  
Subject: [64766] RE: Now this is QRPppppppppppppppp!  
Message-ID: <0974781F4FC8D211A24600902727E806011B1FB7@saturn.rose.cc.ok.us>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"

Now this is the kind of stuff that I'm glad someone thinks is QRP related.  
Keep it coming.

Hal

-----  
Date: Thu, 2 Mar 2000 14:56:29 -0500  
From: "Jim Bates" <jimbo@spectrum-internet.com>  
To: <sslyon@worldnet.att.net>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Subject: [64767] Re: 40M NOISE?  
Message-ID: <010401bf8481\$66f4a560\$3e0232d8@jbates2>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

I have a different approach to solving the problem  
...get a noise canceller (like MFJ 1026).  
It is difficult to use and costs \$170.00, but it does get rid of  
noise like that, after some precise tuning.

-jim AF4FJ

-----Original Message-----

From: S LYON <sslyon@worldnet.att.net>  
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Date: Wednesday, March 01, 2000 11:01 PM  
Subject: 40M NOISE?

O.K., so I've been away from radio for a while and been a bad boy with  
my "DEL" key... What in blue blazes is going on around 7.039 +/- 10kc  
??!! I got blown off the band last nite and it was still there at 0700  
this A.M.

Sounds like a gov'mt thing. Did some agency scan the bands and decide this was a "relatively unused" segment, safe to pounce upon? Peeved QRP-ers want to know.

72

-s-

--

'Seab' Lyon - AA1MY  
Beacon NY USA FN-31  
QRP-L 574 ARCI 9253

-----  
Date: Thu, 02 Mar 2000 12:08:43 -0800  
From: Ed Loranger <we6w@qsl.net>  
To: qrp-l@lehigh.edu  
Subject: [64768] List Traffic, Radio Traffic.  
Message-ID: <38BECA4A.697@qsl.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

So I got this radio, see. And It gots them 9 bands, see. And each o' dem bands be soundin' like an email list, see. Not everything heard there on the radio is of my likin'.

Now I'm looking to filter all that stuff on the air there that I be not a likin' and can't find a CW filter or SSB filter to get them sent to the trash bucket.

For some reason I can't get them guys on the air to follow list protocol. So I find the tuning knob and tune down to where I'll be happy.

And that's the answer to that.

See. -Ed : )

--

-72/Ed WE6W; A-1 OP; SOC #63 "AGN?"; QRP-L#1068  
<http://www.qsl.net/we6w> Santa Rosa, CA  
Call Tobor, The 8th Man, to the rescue!

-----

Date: Thu, 2 Mar 2000 15:11:18 EST  
From: RangerSF5@aol.com  
To: qrp-l@lehigh.edu  
Subject: [64769] Re: Now this is QRPppppppppppppppppp!  
Message-ID: <fb.2d11797.25f024e6@aol.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset="US-ASCII"  
Content-Transfer-Encoding: 7bit

In a message dated 3/2/00 2:44:01 PM Eastern Standard Time,  
SBillingsley@usaninc.com writes:

<<

The spacecraft's 8-watt signal, equal to the power of a night light, now reaches NASA's Deep Space Network antennas with the strength of .3 billionths of a trillionth of a watt! Scientists are tracking the feeble transmissions as part of an advanced concept study of chaos theory and to learn more about conditions in the solar system beyond Pluto.

>>

How would you like to have a receiver that sensitive?

I don't think it carries a QRP price tag

Bob

-----  
Date: Thu, 02 Mar 2000 12:16:11 -0800  
From: Ed Loranger <we6w@qsl.net>  
To: qrp-l@lehigh.edu  
Subject: [64770] Re: Little Help? K2 mike grounding.  
Message-ID: <38BECC0A.37C0@qsl.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Well Gang, I got lucky. Eric at Castle K2 told me the Mike Grounding info is down the page on the builder's resource link. My "Cntrl-F" or "Alt-F" find command didn't work in the frame page but I found "Grounding the K2 Mic Jack" down the page.

And it what it had done. So that is the end of that!

Thanks to all. And apparently only some microphones ground through the shell in addition to a ground pin so this is mostly insurance.

Habbaday. -Ed

--

-72/Ed WE6W; A-1 OP; SOC #63 "AGN?"; QRP-L#1068  
<http://www.qsl.net/we6w> Santa Rosa, CA  
Call Tobor, The 8th Man, to the rescue!

-----  
Date: Thu, 2 Mar 2000 15:19:29 EST  
From: RangerSF5@aol.com  
To: qrp-l@lehigh.edu  
Subject: [64771] Who wanted the 7.040 Xtal??  
Message-ID: <62.1718b34.25f026d1@aol.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset="US-ASCII"  
Content-Transfer-Encoding: 7bit

I saw a post where someone needed a 7.040 XTAL.  
I lost the mail.  
I have one but it's the FT 243 type.(BIG)  
Also have the 7.025.  
Whoever needed them,  
send an address and i'll mail it out in the morning  
Bob

-----  
Date: Thu, 02 Mar 2000 13:11:51 -0600  
From: K10J <k10j@ditdit.com>  
To: RangerSF5@aol.com, Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [64772] Re: HELP with QRP-L.....Anyone see this???  
Message-ID: <002f01bf847b\$2a80ef40\$0ea7bfd0@swbell.net>  
MIME-version: 1.0  
Content-type: text/plain; charset="iso-8859-1"  
Content-transfer-encoding: 7bit

RR 599 in Tx  
OJ  
dit dit

-----  
Date: Thu, 2 Mar 2000 15:23:01 EST  
From: RangerSF5@aol.com  
To: qrp-l@lehigh.edu

Subject: [64773] It's working.  
Message-ID: <e0.1d5aee6.25f027a5@aol.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset="US-ASCII"  
Content-Transfer-Encoding: 7bit

Hi Gang,  
Well I guess there was a conflict with the other server.  
So much for the freebie servers  
Bob

-----  
Date: Thu, 2 Mar 2000 15:38:27 -0500  
From: "Ted Roycraft" <roycraft@research.att.com>  
To: <sjolin@swbell.net>, <prvalko@oakland.edu>, <qrp-l@lehigh.edu>  
Subject: [64774] RE: Moratorium on URL requests - Re: O.T. Psk31  
Message-ID: <NBBBJCDNMJMMLKHBCBIEKECODJAA.roycraft@research.att.com>  
MIME-Version: 1.0  
Content-Type: text/plain;  
          charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Paul,  
I'm one of the "offenders" - I asked for a URL to find out about the "fox hunt". I am not an internet newcomer - I used the ARPANET (and then the internet) since 1972 and I am not new to ham radio - I got my extra in 1964 - and I know about 'google'. I am new to this flavor of QRP, i.e. QRP-L. If you are a QRP-L newcomer as I am, an obvious thing to do when searching in google (or any other search engine) for information about the "hunt" is to look for - QRP "fox hunt". If you do that you will see that your URL is nowhere near the top - go ahead - try it. I NOW know that if I had typed QRP-L instead of QRP, it would have gotten the list I wanted but why should I incur your wrath (as a qrp-l beginner) because I typed qrp instead of qrp-l?

It is not a matter of laziness. If you don't want to respond with an answer to such questions, just ignore them. To respond as you did is to undo any good that W1RFI is trying to do with his push towards Elmering.

I don't see requests for URLs flooding the list (as is all this nonsense about CB QRP is along with dozens of other "nonsense" topics). And, by the way, you don't have the patience of a saint.

Look, if you want to avoid these kinds questions, why don't you do as many other lists do which is to have url, faq locations, or



other useful information plastered into a footer that goes into every message in the list? That way, anyone reading ANY message will know how to get more information without "bothering" you.

Thank you,  
Ted, W2ZK

> -----Original Message-----  
> From: owner-qrp-l@Lehigh.EDU [mailto:owner-qrp-l@Lehigh.EDU]On Behalf Of  
> Dave Sjolin  
> Sent: Thursday, March 02, 2000 1:12 PM  
> To: Low Power Amateur Radio Discussion  
> Subject: Re: Moratorium on URL requests - Re: O.T. Psk31  
>  
>  
> "Paul R. Valko" wrote:  
>  
> > With all due respect... The Internet is new to many people, and  
> we get new  
> > folks on the list everyday, but if that is not the case, is  
> there a better  
> > way to announce to the 3,000+ members of QRP-L that a person simply does  
> > not want to bother paying attention to the QRP-L help?  
>  
> Or that a person is too lazy to help themselves!!  
>  
> Paul, you have the patience of a saint.  
>  
> 73 de Dave, N0IT  
>

-----  
Date: Thu, 2 Mar 2000 15:47:02 EST  
From: REDSBOY@aol.com  
To: qrp-l@lehigh.edu  
Subject: [64775] SD-20 & Magnifying glasses  
Message-ID: <7f.15c8fef.25f02d46@aol.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset="US-ASCII"  
Content-Transfer-Encoding: 7bit

It was like Christmas in March this morning when Santa, disguised as our mail-lady, delivered my SD-20. (That's a basic ingredient for my upcoming SLV.) I'm not sure what I expected, since I hadn't seen one before, but whatever it was I expected, I was very pleasantly surprised. This is gonna be great!

And as if that wasn't enough, she also brought my "4 different powers, head-band, head-lighted, whoopee-do magnifying glasses." Now this set of head-band-magnifiers is really something nice, and you just can't beat them for \$14.95 (plus \$4 S&H). Now I can see all the mistakes I am making, as I make them. It's more fun that way.

If you want to know where to find the magnifying glasses online, or where I got the SD-20, or anything else I can tell you to either help or confuse you, let me know "off-list."

Usual disclaimers - IOW I ain't makin' a cent off this.

73,

Karl - W4UTI  
QRP-L #1097, SOC #23, Whiner #8

-----  
Date: Thu, 02 Mar 2000 12:49:49 -0800  
From: Ed Loranger <we6w@qsl.net>  
To: qrp-l@lehigh.edu  
Subject: [64776] Re: Folded Dipole Revelation.  
Message-ID: <38BED3ED.63FB@qsl.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

And astutute observer found my typo. Yes,  
I meant .01 wave spacing in a folded dipole  
or TTFD.

Thanks. -Ed

> Sorry, Ed, but you might want to change the batteries in your calculator.  
> Mine shows 0.1 (one-tenth) wavelength at 7.100 MHz to be about 13.85 feet.  
> Did you mean 0.01 wavelength?

> >Why don't they make it easy. 1/3 wavelength top  
> >wires, center fed at the bottom, with 1/10 wave  
> >spacing between the wires. (For Lowest Freq. of  
> >operating).

--

-72/Ed WE6W; A-1 OP; SOC #63 "AGN?"; QRP-L#1068  
<http://www.qsl.net/we6w> Santa Rosa, CA  
Call Tobor, The 8th Man, to the rescue!

-----  
Date: Thu, 2 Mar 2000 15:57:44 -0500  
From: "Hare, Ed, W1RFI" <w1rfi@arrl.org>  
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [64777] RE: 40M NOISE?  
Message-ID: <125490A005E3D3118C9C00805FC743CC08D269@mail.arrl.org>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"

-----Original Message-----

From: S LYON <sslyon@worldnet.att.net>  
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Date: Wednesday, March 01, 2000 11:01 PM  
Subject: 40M NOISE?

> K., so I've been away from radio for a while and been a  
> bad boy with my "DEL" key... What in blue blazes is going  
> on around 7.039 +/- 10kc ???!! I got blown off the band last  
> nite and it was still there at 0700 this A.M. Sounds like  
> a gov't thing. Did some agency scan the bands and decide  
> this was a "relatively unused" segment, safe to pounce upon?  
> Peeved QRP-ers want to know.

It could well be amateur. The 7.0-7.1 MHz segment is NOT a CW-only segment, it is CW/digital. The US has some serious bandwidth limitations on HF digital signals, but these do not apply to all countries. In some countries, unattended digital operation is allowed and the only bandwidth limits for the Amateur Radio Service can be the amateur band edges. I have heard some pretty esoteric stuff on HF. From some of the pops and birdies I am hearing, it sounds like at least some folks are doing some HF spread spectrum work, too.

Unfortunately, I lack the equipment to decode much of this.

73,  
Ed Hare, W1RFI

-----  
Date: Thu, 2 Mar 2000 12:30:27 -0800  
From: Dave Barrett <DBarrett@creo.com>  
To: "'RangerSF5@aol.com'" <RangerSF5@aol.com>, Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>, "'elecrafft@qth.net'" <elecrafft@qth.net>  
Subject: [64778] QRPpppppppppppppppp and the K2  
Message-ID: <BFEEFC3386986D2119C0800A0C99B5DE601772822@msgcreo3.creo.bc.ca>

MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"

How would you like to have a receiver that sensitive?  
I don't think it carries a QRP price tag  
Bob

Maybe we should convince Paul H to connect his K2 to the big dish and see  
just how well NASA's expensive RX stack's up against the finest QRP  
transceiver ever built !!

I'd be willing to bet the K2 wouldn't do too badly, what with all that  
stored up Mojo in the VFO knob and KAT2 and all.

(Big Grin)

Dave VA7DB (ex VE7PCC)

Vancouver BC Canada

Note for Eric and Wayne \*\*\*\*

Hey Guy's, here another market for you two to go  
after :-)

-----  
Date: Thu, 2 Mar 2000 16:00:01 -0500  
From: "Hare, Ed, W1RFI" <w1rfi@arrl.org>  
To: "'N10DL@aol.com'" <N10DL@aol.com>  
Cc: "'Low Power Amateur Radio Discussion'" <qrp-1@Lehigh.edu>  
Subject: [64779] RE: Crystal needed for 7.040  
Message-ID: <125490A005E3D3118C9C00805FC743CC08D26A@mail.arrl.org>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"

Go to <http://www.arrl.org/tis/tisfind.html> and type in "crystal  
manufacturer" into the search box. These companies will make custom  
crystals for you. You can even order on line with some of them.

BTW, this database will search for nearly any category you like. Try it  
with QRP as the search criterion. :-)

73 from ARRL HQ,  
Ed Hare, W1RFI  
ARRL Laboratory Supervisor  
225 Main St.  
Newington, CT 06111  
860-594-0318  
Internet: w1rfi@arrl.org

ARRL Web: <http://www.arrl.org/>.  
ARRL Technical Information Service: <http://www.arrl.org/tis>.

-----Original Message-----

From: N10DL@aol.com [mailto:N10DL@aol.com]  
Sent: Thursday, March 02, 2000 1:12 PM  
To: Low Power Amateur Radio Discussion  
Subject: Crystal needed for 7.040

Can someone point me in the direction a place I can purchase a 40 meter crystal?

Thanks

Aron

N10DL

Bedford, NH

All the same club numbers as before...

-----  
Date: Fri, 03 Mar 2000 08:00:46 +1100  
From: "Ian C. Purdie VK2TIP" <ianpurdie@integritynet.com.au>  
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [64780] Re: Virus--Pretty Park.exe  
Message-ID: <38BED67E.A38E5AA@integritynet.com.au>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Ray Colbert wrote:

> Thanks for the warning on that - had a couple of those  
> in my mail yesterday or the day before (originated on  
> thru the SOC mail) but I did NOT recognize the sender  
> and hit the delete button.

So that was the origin! I didn't recognize sender either and similarly trashed it.

72/73's

Ian Purdie Budgewoi N.S.W. Australia - Co-ords 33o:14' S 151o:34' E  
My FREE Newsletter:- <mailto:vk2tip@qsl.net?Subject=Subscribe>  
VK2TIP "I'll give ya the TIP mate" QRP-L #1978. SOC #171 "duh?"  
URL - <http://www.integritynet.com.au/~purdic/>

-----  
Date: Thu, 2 Mar 2000 15:41:26 -0500  
From: Bill Lazure <n2tpa@juno.com>  
To: ku7y@dri.edu  
Cc: qrp-1@lehigh.edu  
Subject: [64781] Re: Need BNC info  
Message-ID: <20000302.160659.-166139.0.n2tpa@juno.com>  
MIME-Version: 1.0  
Content-Type: text/plain  
Content-Transfer-Encoding: 7bit

Monte,

What do they cost each?

Bill  
W2EB

Monte Stark writes:

>  
> The connector we have used for the past several years is a  
> solder on pin and a "push" on "sleve" for the braid.  
>  
> Amphenol # 31-4700  
>  
> cul,  
>  
> 73, Ron

-----  
YOU'RE PAYING TOO MUCH FOR THE INTERNET!  
Juno now offers FREE Internet Access!  
Try it today - there's no risk! For your FREE software, visit:  
<http://dl.www.juno.com/get/tagj>.

-----  
Date: Thu, 02 Mar 2000 15:16:19 -0600  
From: Dave Sjolín <sjolin@swbell.net>  
To: Ted Roycraft <roycraft@research.att.com>  
Cc: prvalko@oakland.edu, qrp-1@lehigh.edu  
Subject: [64782] Re: Moratorium on URL requests - Re: O.T. Psk31  
Message-ID: <38BEDA23.AD0D20E7@swbell.net>  
MIME-version: 1.0

Content-type: text/plain; charset=us-ascii  
Content-transfer-encoding: 7bit

Ted Roycraft wrote:

> I'm one of the "offenders" - I asked for a URL to find out  
> about the "fox hunt". I am not an internet newcomer - I used  
> the ARPANET (and then the internet) since 1972 and I am not new  
> to ham radio - I got my extra in 1964 - and I know about 'google'.  
> I am new to this flavor of QRP, i.e. QRP-L. If you are a QRP-L newcomer  
> as I am, an obvious thing to do when searching in google (or any  
> other search engine) for information about the "hunt" is to look  
> for - QRP "fox hunt". If you do that you will see that your URL  
> is nowhere near the top - go ahead - try it. I NOW know that if  
> I had typed QRP-L instead of QRP, it would have gotten the list  
> I wanted but why should I incur your wrath (as a qrp-l beginner)  
> because I typed qrp instead of qrp-l?  
>  
> It is not a matter of laziness. If you don't want to respond with  
> an answer to such questions, just ignore them. To respond as  
> you did is to undo any good that W1RFI is trying to do with  
> his push towards Elmering.  
>  
> I don't see requests for URLs flooding the list (as is all this nonsense  
> about CB QRP is along with dozens of other "nonsense" topics). And,  
> by the way, you don't have the patience of a saint.  
>  
> Look, if you want to avoid these kinds questions, why don't you do  
> as many other lists do which is to have url, faq locations, or  
> other useful information plastered into a footer that goes into every  
> message in the list? That way, anyone reading ANY message will  
> know how to get more information without "bothering" you.

Whoever wanted the urls for PSK 31, here are a bunch of them. Go to any  
of them and you can probably find some others. All I did was enter PSK  
31 into my search engine.

[http://swbell.snap.com/search/directory/results/1,61,-0,00.html?  
tag=st.v2.fdsb.1&keyword=PSK+31](http://swbell.snap.com/search/directory/results/1,61,-0,00.html?tag=st.v2.fdsb.1&keyword=PSK+31)

=====

By the way Ted, I was the one that made the comment about being lazy,  
not Paul so your outburst is off target. BTW, Paul runs the fox hunts  
and puts many hours into making it available to people such as yourself  
so he likely feels a responsibility to answer the requests even when the  
same question comes three days in a row.

As far as faq, no one ever reads them. All you have to do is watch everyone sending their unsubscribe messages to the list to know that.

I believe info on the fox hunt and other things is not added as a footer because it would screw up the digest and add to the length of each message to over 3000 individuals.

Also this is not the fox hunt list any more than it is the Norcal list. It would be inappropriate to list urls as a footer on each message just because some people dont want to bother looking it up. If all the applicatble urls where added, the footer would likely exceed the length of most messages.

73 de Dave, N0IT

-----  
Date: Thu, 02 Mar 2000 16:56:00 -0500  
From: Caitlyn =?iso-8859-1?Q?M=E1ire?= Martin <caitlyn@netferrets.net>  
To: charlie\_panek@agilent.com, adamk@pacificarch.com, qrp-1@lehigh.edu  
Subject: [64783] Re: WTB: HF Handheld  
Message-ID: <38BEE36F.67EB29B6@netferrets.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

To Charlie, Adam, and everyone else,

<shameless plug>

There is a reflector for Tokyo Hy-Power. Yes, it's another e-mail list, but it is \*very\* low traffic. When looking for their equipment, or for info on how to import it from Japan, a post there never hurts. Info on how to subscribe is at:

<http://www.netferrets.net/thp>

</shameless plug>

FWIW, Tokyo Hy-Power is considering doing one more production run of the HT-750. If you are serious about buying one, and are willing to pay the 69,800 yen new price (about US \$625), you may want to let them know. The e-mail address for the company is:

[info@thp.co.jp](mailto:info@thp.co.jp)



Please, let's not flood them if you're not really going to go through with importing one. They are one of the very few Japanese ham companies who are not in the U.S. market who will deal directly with U.S. hams, and they do respond to us.

Finally, if you want to see what one of these things looks like, go to their web site at:

<http://www.thp.co.jp>

Make sure you set your browser for Japanese encoding, otherwise even the stuff that is readable to those of us who don't read Japanese becomes garbled.

72,  
Caity  
KU4QD

> Listers:

>

> I'm posting this for a friend who's looking for an HF Handheld. One  
> of those Tokyo Hi-Power rigs would fit his bill nicely. Adam's email is  
> adamk@pacificarch.com, if you know of one of these for sale (or available  
> to loan).

>

> Adam Kerner wrote:

> >

> >

> > Greetings:

> > I'm getting ready to take a sea kayaking voyage in Panama, the San Blas  
> > Islands. As space is obviously limited, I don't want to take a regular hf rig,  
even a 706.

> > But I was thinking that a handheld would be great. I know ICOM and Radio Shack  
have made

> > these in the past, for 10M and possibly more. AEA made the DX Handy, and a  
firm called

> > Tokyo Hy Power made a slick rig for 40, 15, and 6 meters. Maybe other  
manufacturers as

> > well. Does anyone have one, or know where I could get such an item to either  
borrow,

> > rent, or buy??? Any leads appreciated.

> >

> > Thanks,

> > K7ST Adam Kerner

> > 206 682-8730 x28

>

> Charlie  
> KX7L  
> --  
> Charlie Panek Agilent Technologies Inc.  
> mailto:charlie\_panek@agilent.com Everett, Washington

-----  
Date: Thu, 02 Mar 2000 17:25:16 EST  
From: Dean W Manley <kh6b@juno.com>  
To: qrp-l@lehigh.edu  
Cc: kh6b@juno.com  
Subject: [64784] Re: Folded Dipole Revelation.  
Message-ID: <20000302.122604.5391.4.kh6b@juno.com>

Ed and list,

About spacing in the folded dipole: I read somewhere recently that the spacing is NOT critical if the conductors are the same size diameter. Hence, folded dipoles made from 300-ohm TV lead-in stuff and 450-ohm windowed line. Anyone tried zip-cord or speaker wire for the folded dipole element? Maybe a candidate for a backpacker's antenna?

Aloha,  
Dean KH6B  
Hilo Hawaii

-----  
Date: Thu, 02 Mar 2000 22:40:06 -0800  
From: dave.g@dja@psilink.co.uk (David J. Ackrill)  
To: qrp-l@lehigh.edu  
Subject: [64785] Re: Noise Level  
Message-ID: <E12QeES-0000x2-00@relay4.mail.uk.psi.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

>If you don't want to read what others think, then why are you subscribed  
>to a discussion list? After all the 11m thread started as a QRP question.

Also, why do all those who decide to set filters feel the need to tell everyone else that they have?

If you've set up a filter, fine, that's up to you. I'm not sure why you want me to do with this information.

I wonder what they expect to happen, someone to beg and plead with them to take their filter out?!

Then there was the one who sent me a personal email to tell me he'd filtered a thread that I was posting to out. I was not sure if I was supposed to cry, or cheer!

;-)

de Dave (G0DJJA)

-----  
Date: Thu, 2 Mar 2000 15:46:33 -0700 (MST)  
From: "Paul Harden, NA5N" <na5n@rt66.com>  
To: qrp-1@lehigh.edu  
Subject: [64786] Voyager & QRPp  
Message-ID: <Pine.SUN.4.10.10003021519440.4560-100000@shell.rt66.com>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

Gang,

Personally, I think Voyager is one of the most significant engineering and scientific endeavors of the 20th century ... when you consider the early 1970's technology under which it was built (few IC's) and the amount of data it has provided. The two Voyagers brought us the very first images of our outer planets, including the first measurements of the electro-magnetic environment as well. And in spite of getting nearly zapped to death by Jupiter's radiation, Saturn's debris fields, etc., they "took a licking and kept on ticking." A truly great achievement.

Even though now more than twice the distance past Pluto from Earth, speeding out of our solar system to deep interstellar space, there is one last experiment JPL hopes Voyager will be able to perform, and one of the reasons a few of the instruments and transmitters are kept going. To see if it can find the end of the sun's magnetopause.

All of the planets, including Earth of course, have a magnetic field. They produce a toroidal "bubble" around their respective planets with a north and south pole. This "bubble" has definite dimensions ... that is, if you were to enter the region of the Earth from space, say in your Pliadian Space Ship :-), you would suddenly "punch through" the Earth's magnetic field. There is a definite boundary between no magnetic field and inside the Earth's magnetic field ... kinda like going through the

force shield! With simple instruments to measure electron density and magnetism, you can detect the moment you punch through the boundry of this magnetic bubble. This boundry is called the magnetopause.

This is one of the valuable science returned by the two Voyagers many years ago as they went past our outer planets ... measuring the electron density, plasma and magnetic field, which for the very first time, allowed scientists to learn just how large and strong the magnetic and gravitational fields around our planets were. And it was easily detected by observing a step increase in the electron density ... because free electrons are pushed outward from the planet and tend to "bunch up" right at the magnetopause wall.

Well, our sun has a HUGE magnetic field, and somewhere way out there beyond our planets is the sun's magnetopause ... where the sun's magnetic field suddenly comes to a stop ... the boundry between our solar system and intergalactic space. Voyager continues to measure the electron density as it moves farther away from our sun, and it will eventually pass through our sun's magnetosphere where the electron density will sharply drop. When this happens, Voyager will have just punched through the bubble of our sun's magnetic field.

This is of course of great interest, as there is really no idea how far our sun's magnetic field extends. For example, we know many comets are started in the Ort Cloud, an area of debris. Chunks of this debris suddenly start towards our sun, screaming through our solar system to become a comet. Is this Ort Cloud inside or outside of our sun's magnetic influence? And if outside, then what energy makes these objects decide to enter our solar system and not travel elsewhere?

JPL is keeping their fingers crossed that Voyager's transmitter and power source will keep on working long enough to detect it's passage through this magnetic boundry. Voyager will thus provide one of the last answers it is still capable of providing, and a piece of information that right now is strictly theoretical. So far, Voyager's QRP transmitter is hanging in there, and Gold Stone is still able to pull her signals out of the noise. And as a few noted by this ... this is truly the ultimate QRP and miles-per-watt ongoing QSO.

Incidentally, it is anticipated by some scientists that Voyager is getting very close the magnetopause boundry, while others believe it is yet many years away.

72, Paul NA5N

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Date: Thu, 2 Mar 2000 16:06:55 -0700 (MST)  
From: "Paul Harden, NA5N" <na5n@rt66.com>  
To: qrp-l@lehigh.edu  
Subject: [64787] High Solar Activity 3-2-00  
Message-ID: <Pine.SUN.4.10.10003021548030.4560-100000@shell.rt66.com>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

Gang,

The sun when into very active mode today with two closely spaced X class flares and a large M-class. Further major flare activity is expected over the next few days. And since these areas are near the center of the sun, the earth will definitely see their effects.

Today's solar flux is 219 ... quite high. The upper bands are in good shape for some DX work.

The geomagnetic field is active, with A indexes today and the next couple of days in the upper tens and twenties. This will make the lower bands a bit rocky and noisy.

Today's Solar-Geophysical report is well written and explanatory, so will just cite most of it below for those interested in the activity:

> JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY  
> SDF NUMBER 062 ISSUED AT 2200Z ON 02 MAR 2000

> IA. ANALYSIS OF SOLAR ACTIVE REGIONS AND ACTIVITY FROM 01/2100Z  
> TO 02/2100Z: SOLAR ACTIVITY HAS BEEN HIGH. AN IMPULSIVE CLASS X1  
> FLARE OCCURRED IN REGION 8882 (S15W58) BEGINNING AT 02/0828Z  
> FOLLOWED BY A CLASS M5 EVENT IN THE SAME REGION BEGINNING AT 02/1335Z.  
> TYPE II RADIO BURSTS OCCURRED IN CONJUNCTION WITH BOTH EVENTS.

Type II radio bursts are evidence of an escaping shock wave of particles. If headed towards earth, it will trigger magnetic storming when it collides with our magnetic field.

> IMPRESSIVE CORONAL MASS  
> EJECTIONS OVER THE SOUTHWEST LIMB OF THE SUN FOLLOWED BOTH FLARES.  
> THE LATER CME WAS FOLLOWED BY FURTHER EJECTION OVER THE FAR  
> SOUTHEAST LIMB. REGION 8882 AND REGION 8891 (S15W04) REMAIN COMPLEX  
> AND POTENTIAL SOURCES OF MAJOR FLARES. THE SUN APPEARS TO BE IN AN  
> UNSETTLED MODE. MINOR SHORT-LIVED SUNSPOT GROUPS ARE APPEARING AT  
> VARIOUS LOCATIONS ON THE DISK AND SMALL FLARES ARE OCCURRING IN MANY  
> OF THE ACTIVE REGIONS.

> IB. SOLAR ACTIVITY FORECAST: SOLAR ACTIVITY IS EXPECTED TO REMAIN  
> MODERATE TO HIGH. CLASS M EVENTS ARE EXPECTED AND THERE IS A CHANCE  
> OF MORE CLASS X EVENTS.

> IIA. GEOPHYSICAL ACTIVITY SUMMARY FROM 01/2100Z TO 02/2100Z:  
> THE GEOMAGNETIC FIELD HAS BEEN UNSETTLED TO ACTIVE. THERE WAS A VERY  
> SMALL ENHANCEMENT OF ENERGETIC PROTONS GREATER THAN 10 MEV MEASURED  
> BY GOES FOLLOWING THE CLASS X EVENT EARLIER TODAY. ENERGETIC  
> ELECTRONS GREATER THAN 2 MEV AS MEASURED BY GOES AT GEOSYNCHRONOUS  
> ORBIT HAVE REMAINED BELOW ALERT THRESHOLDS TODAY.

Protons and energetic electrons is why a warning for a Polar Cap  
Absorption (PCA) event has been issued. This can cause very high  
absorption of HF signals in the higher latitudes, such as Alaska. This  
can also trigger enhanced auroral activity.

> IIB. GEOPHYSICAL ACTIVITY FORECAST: THE POTENTIAL FOR GEOMAGNETIC  
> STORMS IS UNCLEAR. THE CORONAL MASS EJECTIONS DO NOT APPEAR TO BE  
> PRIMARILY EARTH-DIRECTED, BUT THEY MAY HAVE AT LEAST A MODERATE  
> IMPACT IN TERMS OF GEOMAGNETIC ACTIVITY. THE FORECAST IS FOR ACTIVE  
> CONDITIONS WITH A CHANCE OF A MINOR TO MAJOR STORM. THERE IS A  
> CHANCE OF ANOTHER INCREASE IN ENERGETIC PARTICLES DURING THE  
> FORECAST PERIOD AS A RESULT OF THE PASSAGE OF SHOCKS FROM THE CME  
> TODAY.

Again, these shock waves, when they pass near the earth, can put our  
magnetic field into a "wiggling" motion, which generates huge electrical  
currents and thus high noise on the HF bands.

The shock wave from today's activity will arrive Saturday. The average  
travel time is about 55 hours. SOHO and LASCO satellites will measure  
the shock wave as it passes them, giving us about an hour's warning on  
how strong the shock wave is, and how serious of a magnetic storm will  
result. In other words, stay tuned for additional details over the  
next two days.

But if you find the HF bands in pretty bad shape Saturday, particularly  
late afternoon onwards, you'll know it "hit."!

> PCAF            YELLOW <----- Polar Cap Absorption event warning.

> IV. PENTICTON 10.7 CM FLUX  
> OBSERVED            02 MAR 213 <----- fairly high; good DX possible  
> PREDICTED    03 MAR-05 MAR    210/210/205  
> 90 DAY MEAN            02 MAR 169

> V. GEOMAGNETIC A INDICES  
> OBSERVED AFR/AP 01 MAR    016/019 <--- yesterdays minor storm



Date: Thu, 02 Mar 2000 18:19:29 -0500  
From: Jim Thiessen <jthiessen@attcanada.net>  
To: qrp-l@Lehigh.EDU  
Subject: [64789] FS:Argosy II (525D) for sale  
Message-ID: <38BEF701.A0796A6E@attcanada.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

This post is for Serge, VA3SB. Please respond to him directly at  
smbertuzzo@home.com

Thanks

Jim,VA3KV

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I have a Argosy II (525D) for sale. It is in great condition and works great (variable 0-50 watts - plus a 5 watt max position) and I have the original documentation for the rig.

It has the model 224 audio CW filter, model 220 crystal filter, the TT handleld microphone and the model 225 power supply.  
I would be willing to send a jpg photo of the rig to interested parties.

I am asking US\$375 (shipping included).

If interested please send me an email to the following address:  
smbertuzzo@home.com

The reason I am selling it is because I do not use it enough and I need the money to buy a new rig.

Serge

VA3SB

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Date: Thu, 2 Mar 2000 16:29:36 -0500  
From: jmarran@juno.com  
To: qrp-l@lehigh.edu  
Subject: [64790] Re: Now this is QRPppppppppppppppppp!  
Message-ID: <20000302.183216.-522095.6.JMarran@juno.com>  
MIME-Version: 1.0  
Content-Type: text/plain



Content-Transfer-Encoding: 7bit

Amazing!!! And I can't work Alaska or Hawaii!!!!

John

Introducing the Powermite..../Powermite Owners Group  
<http://homestead.juno.com/jmarran/KB2HSH.html>

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Date: Thu, 02 Mar 2000 15:29:29 -0800  
From: Ed Loranger <we6w@qsl.net>  
To: qrp-l@lehigh.edu  
Subject: [64791] Nice BALUN Tutorial on-line (.pdf)  
Message-ID: <38BEF959.618F@qsl.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

This is a very nicely done article on Baluns.

<http://www.intelix.com/download/tech/balance.pdf>

FYI. -Ed

--  
-72/Ed WE6W; A-1 OP; SOC #63 "AGN?"; QRP-L#1068  
<http://www.qsl.net/we6w> Santa Rosa, CA  
Call Tobor, The 8th Man, to the rescue!

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Date: Thu, 2 Mar 2000 18:53:04 EST  
From: Wa3ptg@aol.com  
To: N10DL@aol.com, qrp-l@lehigh.edu  
Subject: [64792] Re: Crystal needed for 7.040  
Message-ID: <6c.1def898.25f058e0@aol.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset="US-ASCII"  
Content-Transfer-Encoding: 7bit

Norcal sells 7040 kHz crystals for \$3.

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End of QRP-L Digest 1748

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